

CARMONA RESOURCES



SITE INFORMATION

Closure Report
PLU South Frac Pond
Eddy County, New Mexico
Unit I Sec 19 T25S R30E
Incident #: NAPP2201254527
32.11345°, -103.91211°

Point of Release: Victaulic connection on lay-flat line

Release Date: 12/29/2021

Volume Released: 2,626.43 barrels

Volume Recovered: 55 barrels

CARMONA RESOURCES



Prepared for:
XTO Energy
6401 Holiday Hill Rd
Building 5
Midland, TX 79707

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 415
Midland, Texas 79701

310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992

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September 28, 2022

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

**Re: Closure Report
PLU South Frac Pond
XTO Energy
Incident No. NAPP2201254527
Site Location: Unit I, S19, T25S, R30E
(Lat 32.11345°, Long -103.91211°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Purity Oilfield Services, which was supporting XTO Energy (XTO) for recycling water activities, Carmona Resources, LLC has prepared this letter to document site assessment activities for the PLU South Frac Pond. The site is located at 32.11345, -103.91211 within Unit I, S19, T25S, R30E, and in Lea 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 December 29, 2021, caused by a Victaulic connection on a lay-flat line malfunctioning. It released approximately 2,626.43 barrels of frac fluid, and 55 barrels were recovered. The impacted area measured is shown in Figure 3. The initial C-141 form is attached in Appendix C.

On June 21, 2022, a request for an extension and alternative sampling for 500 sq ft. composites samples was granted by the OCD. See Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no water source is within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.26 miles East of the site in S21, T25S, R30E and was drilled in 1998. The well has a reported depth to groundwater of 264.60 feet below ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



4.0 Remediation Activities

Carmona Resources personnel was onsite from June 20, 2022, through June 24, 2022, to field screen and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via email, per Subsection D of 19.15.29.12 NMAC. See Appendix C. See Table 1 for excavation depths. A total of four hundred and forty-seven (447) confirmation floor samples were collected (CS-1 through CS-447), and one hundred and two (102) sidewall samples (SW-1 through SW-102) were collected every 500 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the reclamation and regulatory requirements for TPH, BTEX, and chloride. Refer to Table 1.

Once the NMOCD approves the closure report, the excavated areas will be backfilled with clean material to surface grade. Approximately 39,051 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and XTO formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

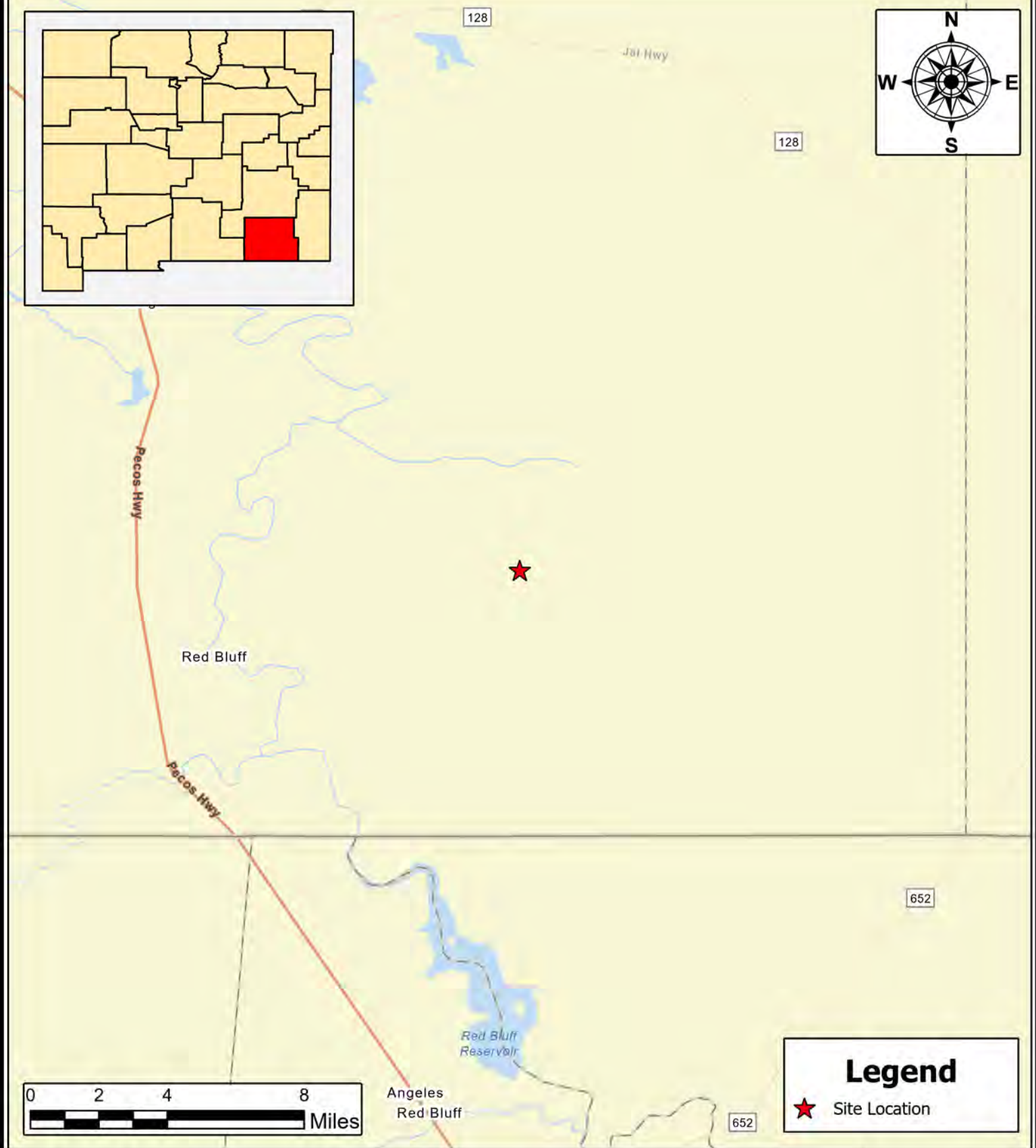
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

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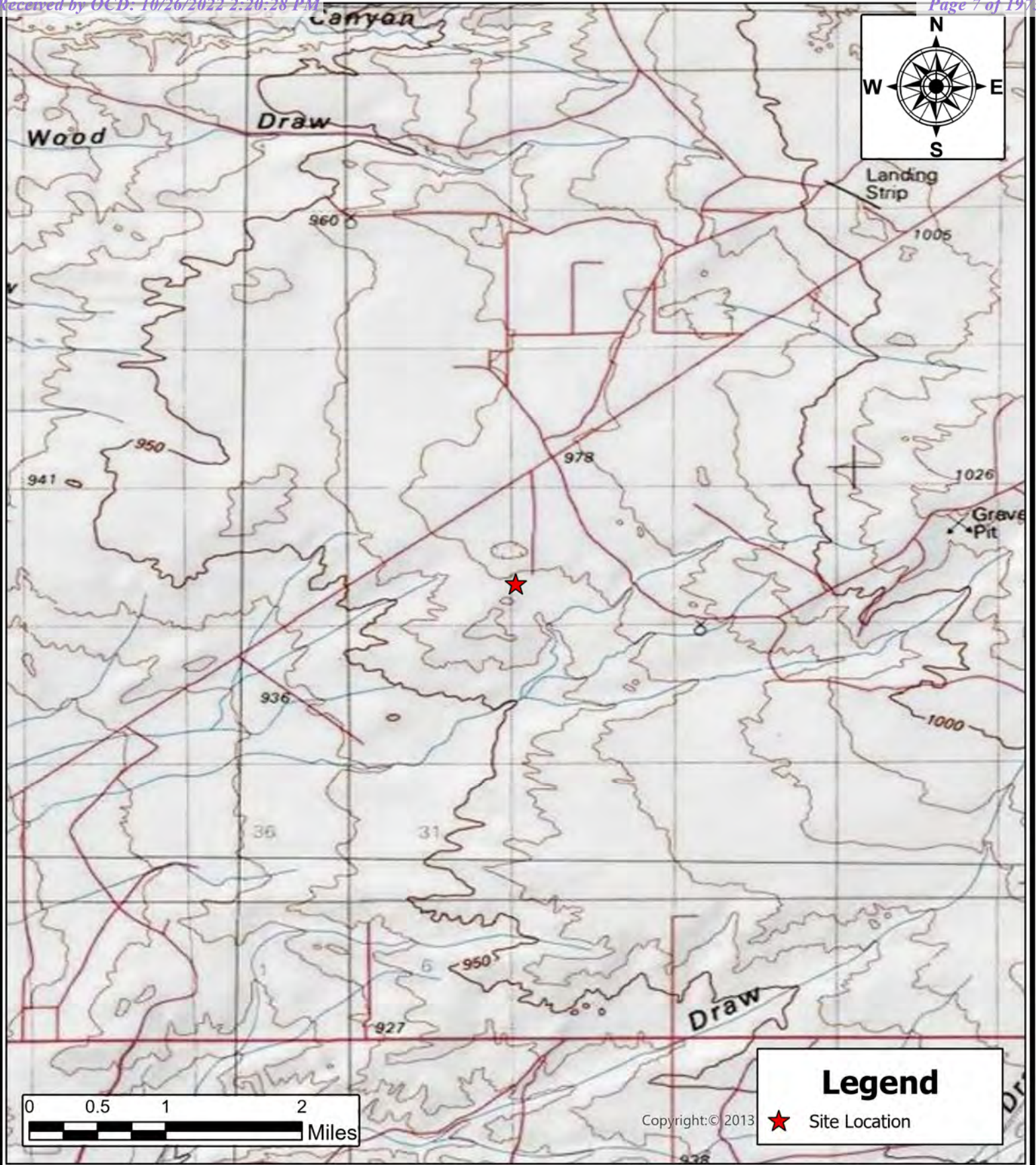


OVERVIEW MAP XTO ENERGY PLU 423 SOUTH FRAC POND EDDY COUNTY, NEW MEXICO 32.11345, -103.91211	
SCALE: As Shown	Date: 8/3/2022

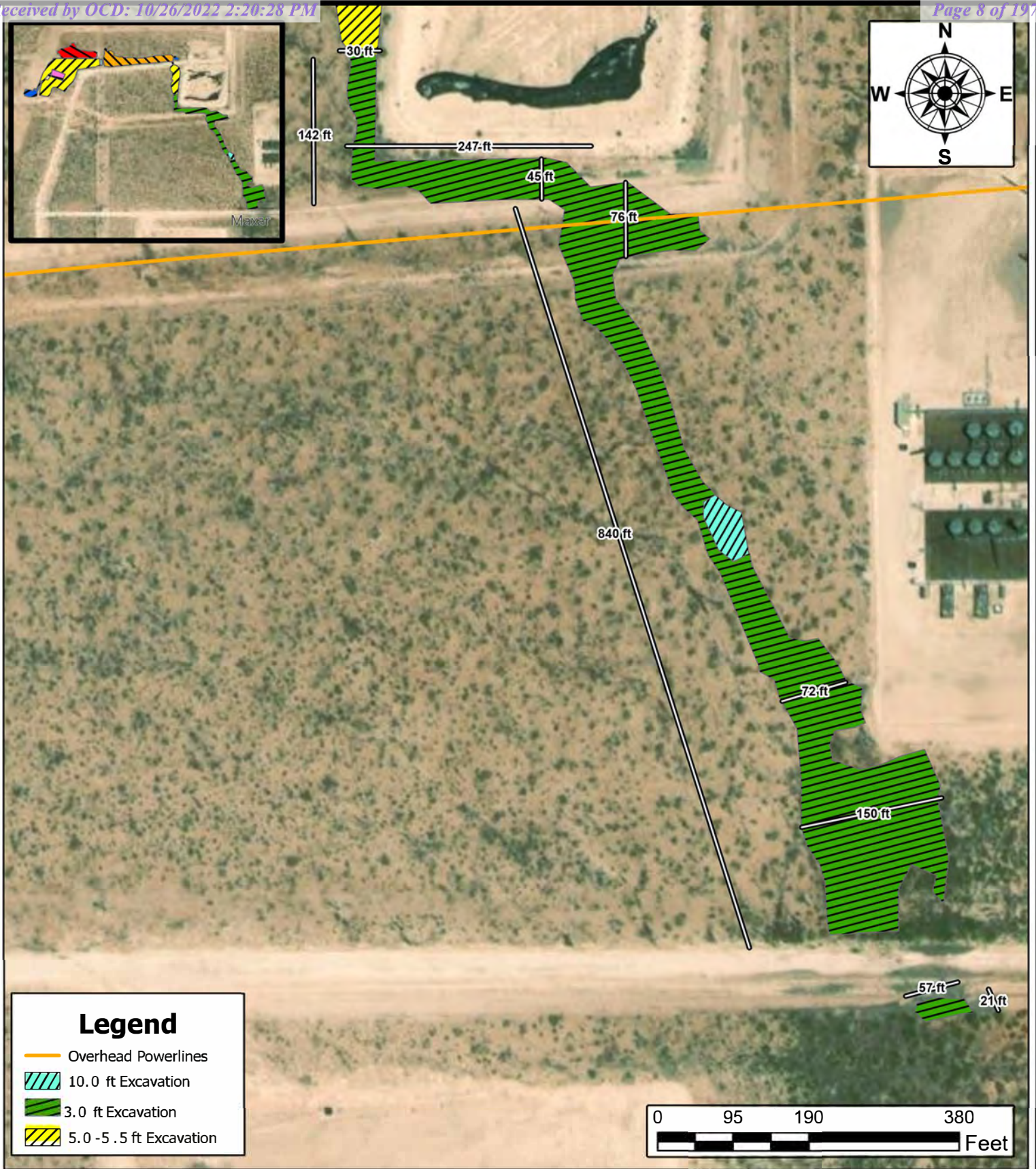
 Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701
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NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N

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FIGURE 1
SHEET NUMBER:
1 of 1

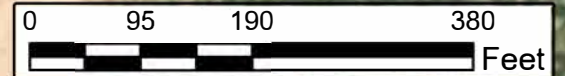


TOPOGRAPHIC MAP XTO ENERGY PLU 423 SOUTH FRAC POND EDDY COUNTY, NEW MEXICO 32.11345, -103.91211 SCALE: As Shown Date: 8/3/2022	CARMONA RESOURCES Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701	NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N	DRAWING NUMBER: FIGURE 2 SHEET NUMBER: 1 of 1
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Legend

- Overhead Powerlines
- ▨ 10.0 ft Excavation
- ▨ 3.0 ft Excavation
- ▨ 5.0 - 5.5 ft Excavation



EXCAVATION DEPTH OVERVIEW MAP
XTO ENERGY
 PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022



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NOTES:

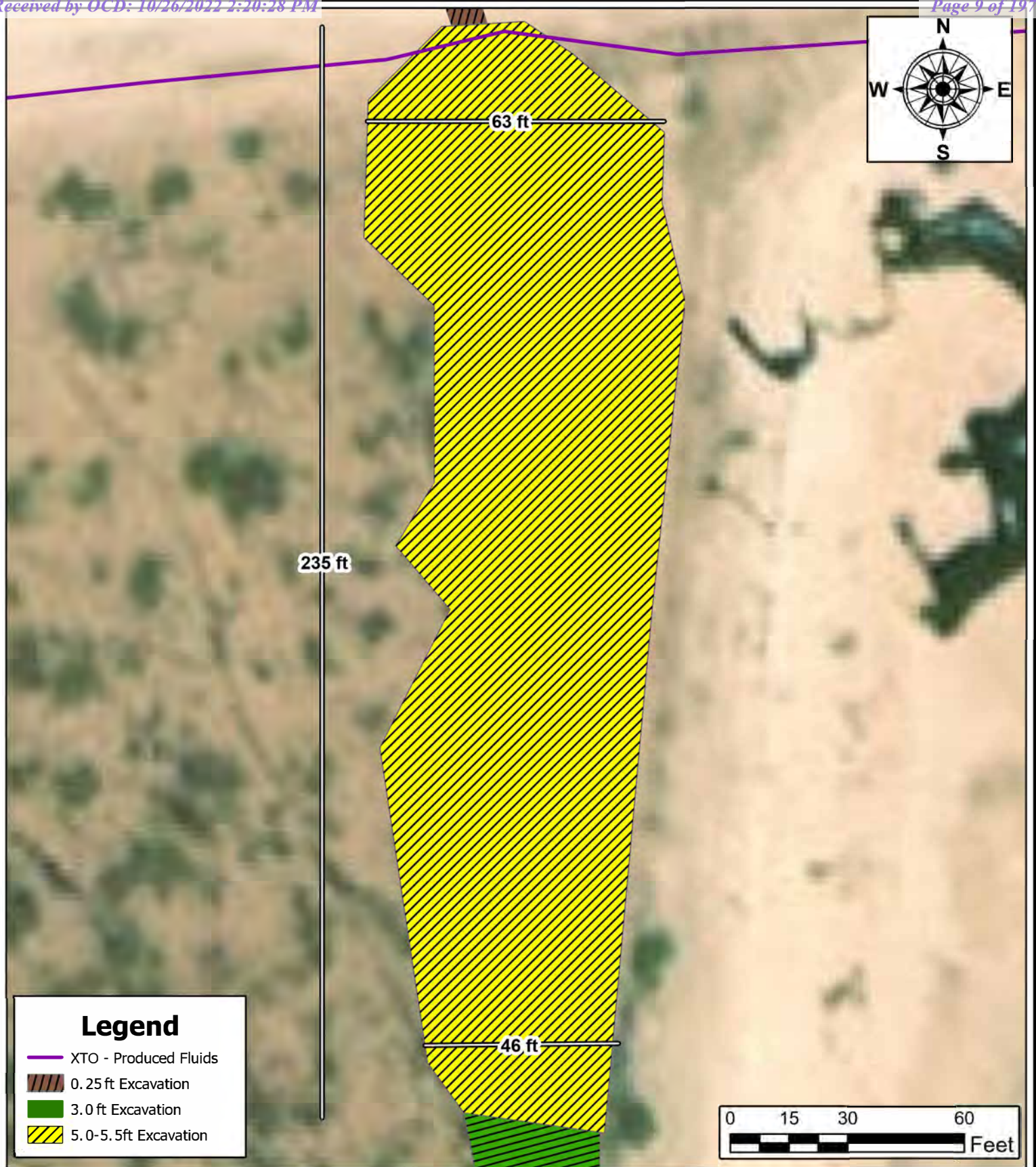
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2. Map Projection: NAD 1983 UTM Zone 13N

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FIGURE 3

SHEET NUMBER:

1 of 4



EXCAVATION DEPTH OVERVIEW MAP
XTO ENERGY
 PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022



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NOTES:

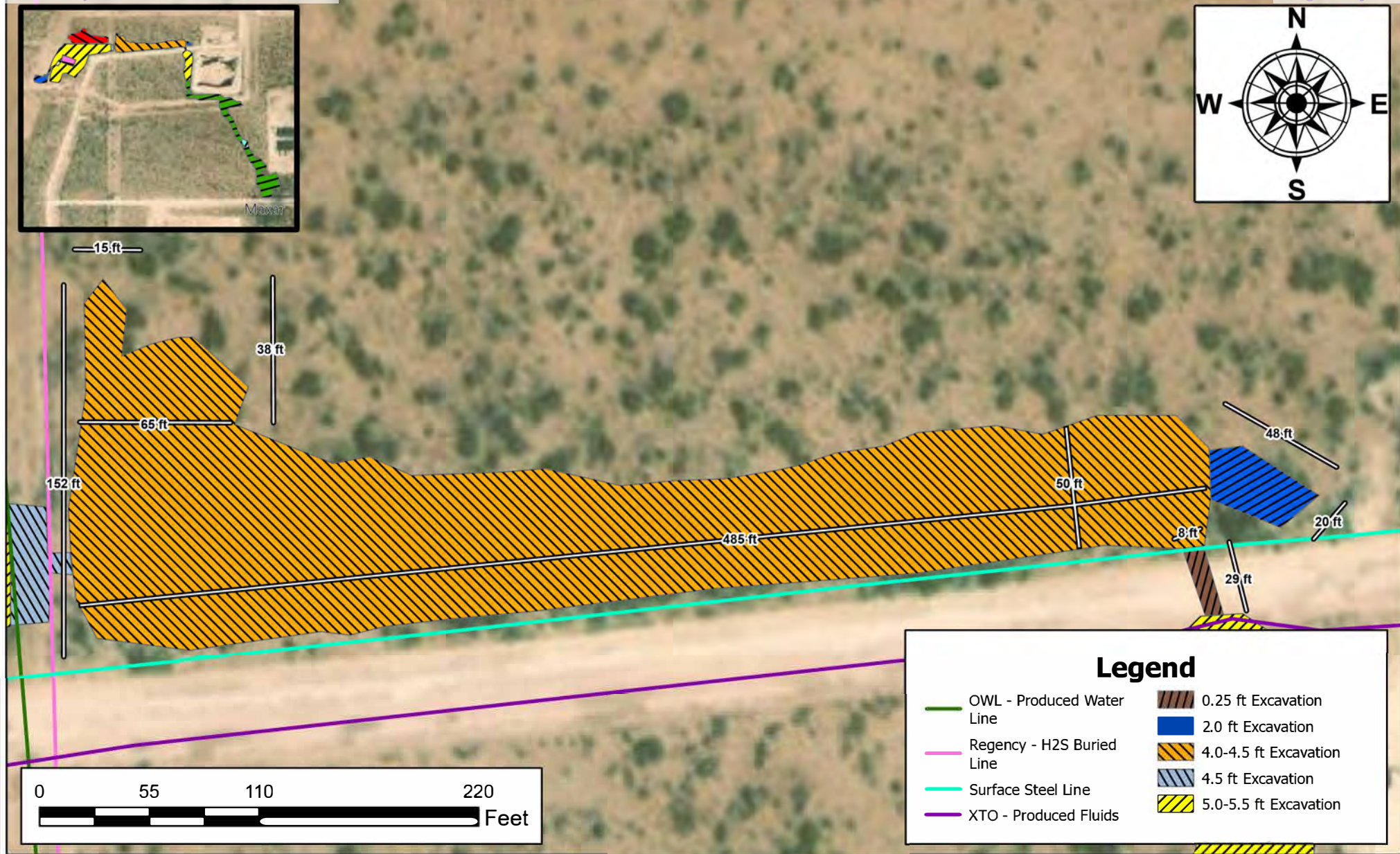
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2. Map Projection: NAD 1983 UTM Zone 13N

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FIGURE 3

SHEET NUMBER:

2 of 4

**EXCAVATION DEPTH OVERVIEW MAP****XTO ENERGY**

PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022



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NOTES:

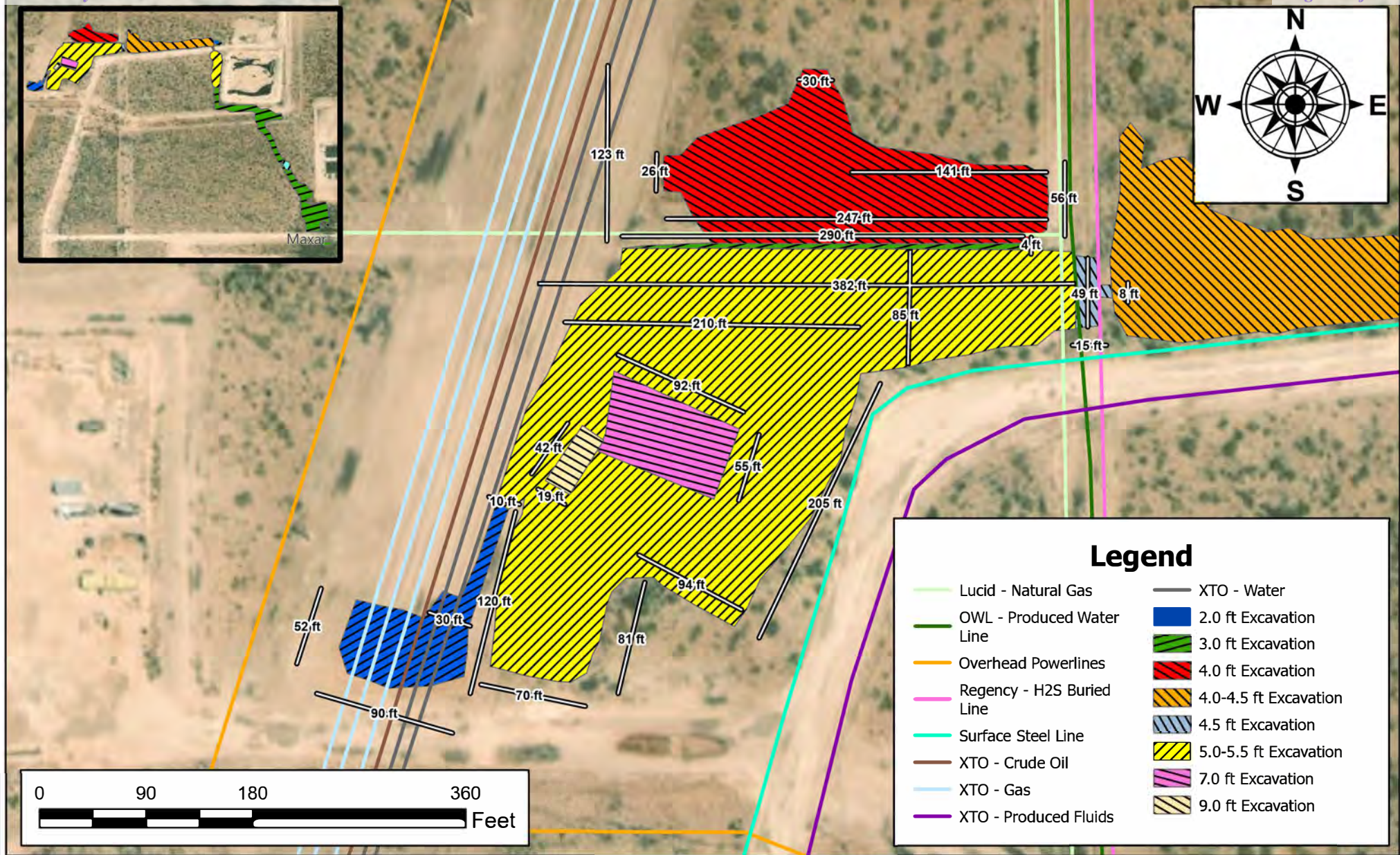
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FIGURE 3

SHEET NUMBER:

3 of 4

**EXCAVATION DEPTH OVERVIEW MAP****XTO ENERGY**

PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022

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NOTES:

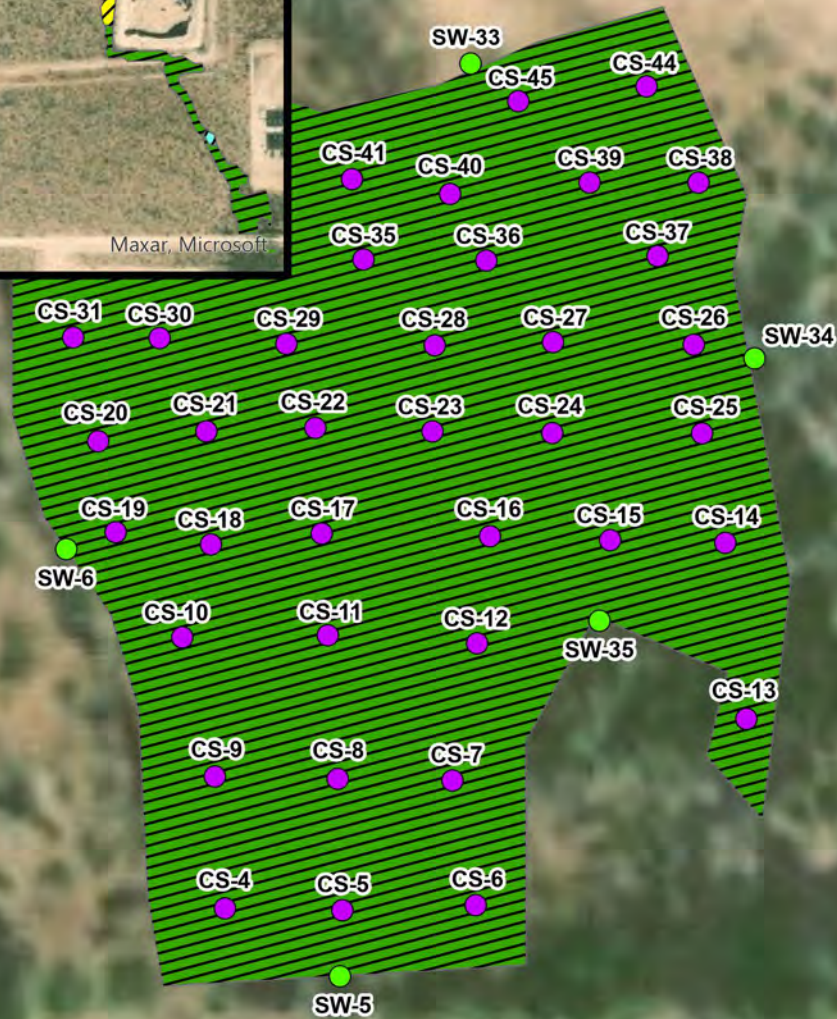
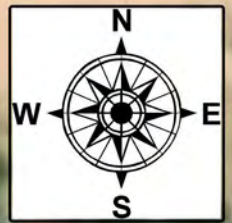
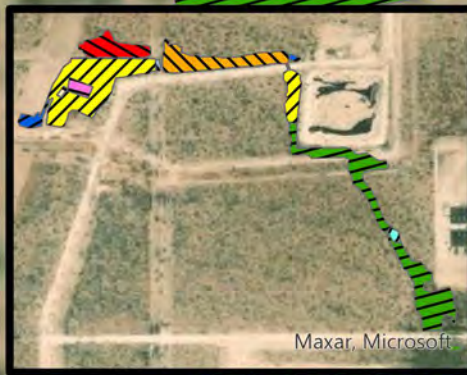
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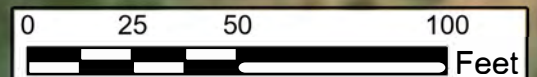
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4 of 4



Legend

- Confirmation Samples
- Sidewall Samples
- 3.0 ft Excavation



EXCAVATION DEPTH MAP
XTO ENERGY
 PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022



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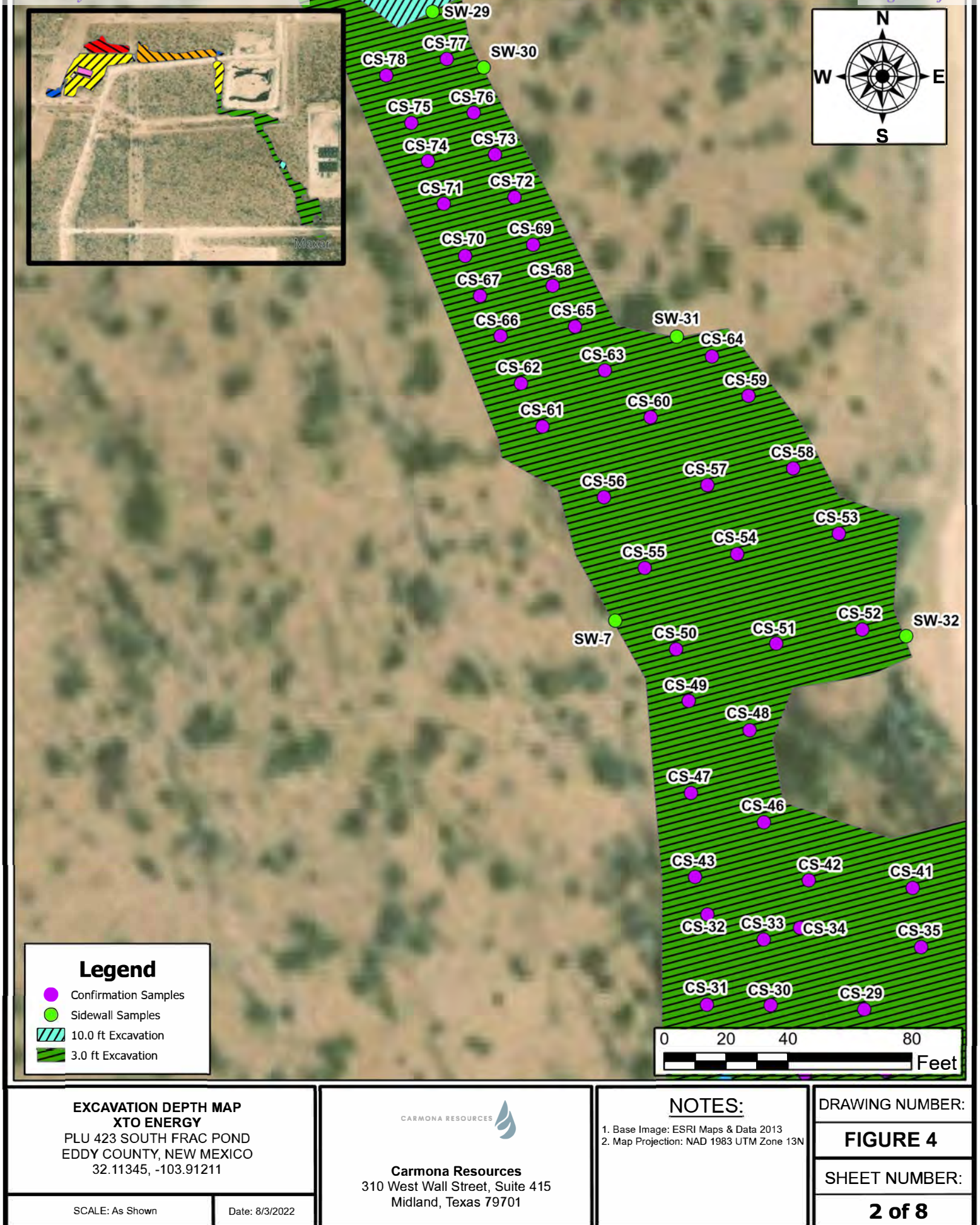
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FIGURE 4

SHEET NUMBER:

1 of 8



EXCAVATION DEPTH MAP XTO ENERGY

PLU 423 SOUTH FRAC POND
EDDY COUNTY, NEW MEXICO
32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022



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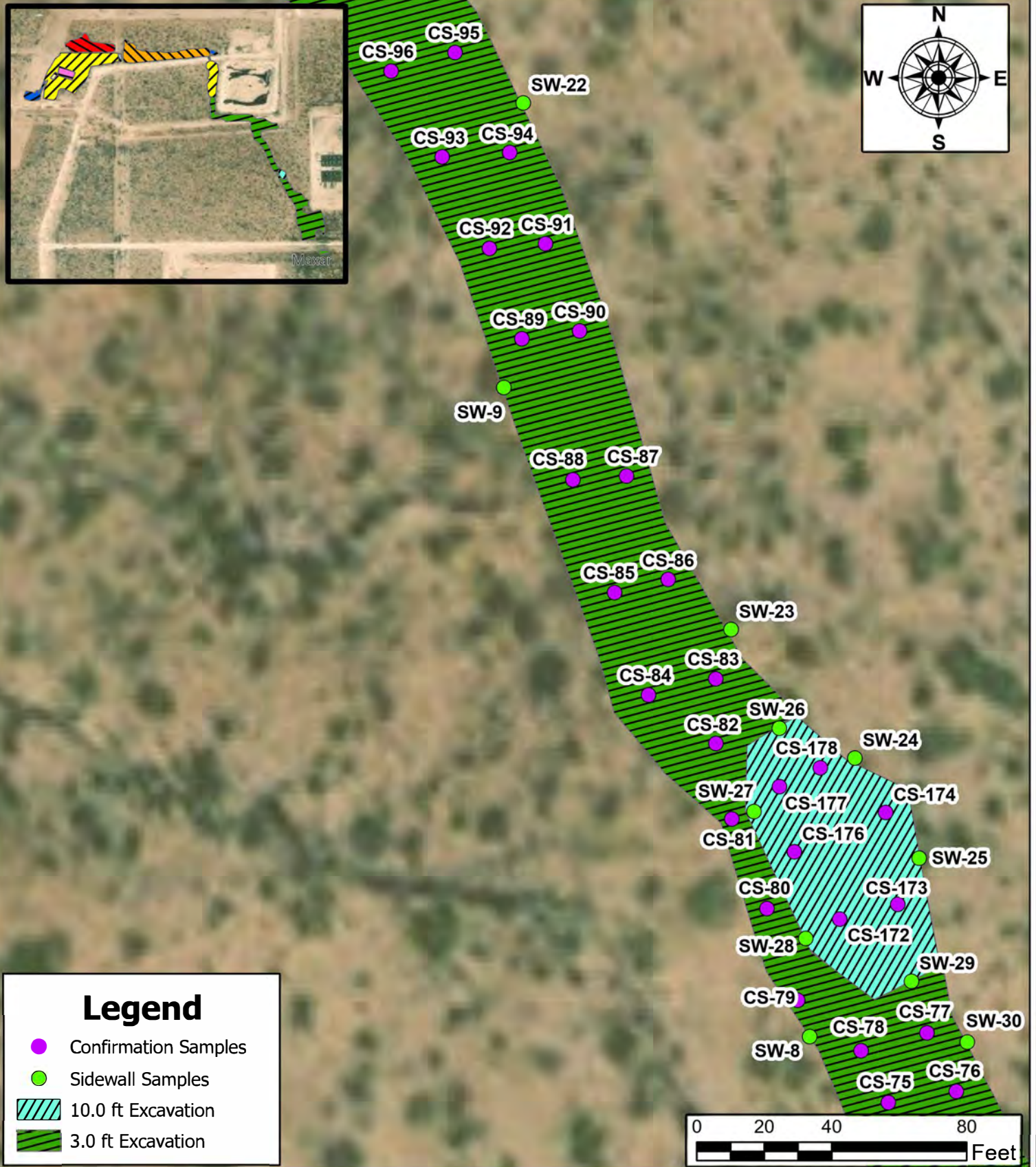
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2. Map Projection: NAD 1983 UTM Zone 13N

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FIGURE 4

SHEET NUMBER:

2 of 8



Legend

- Confirmation Samples
- Sidewall Samples
- 10.0 ft Excavation
- 3.0 ft Excavation

0 20 40 80 Feet

EXCAVATION DEPTH MAP
XTO ENERGY
 PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022



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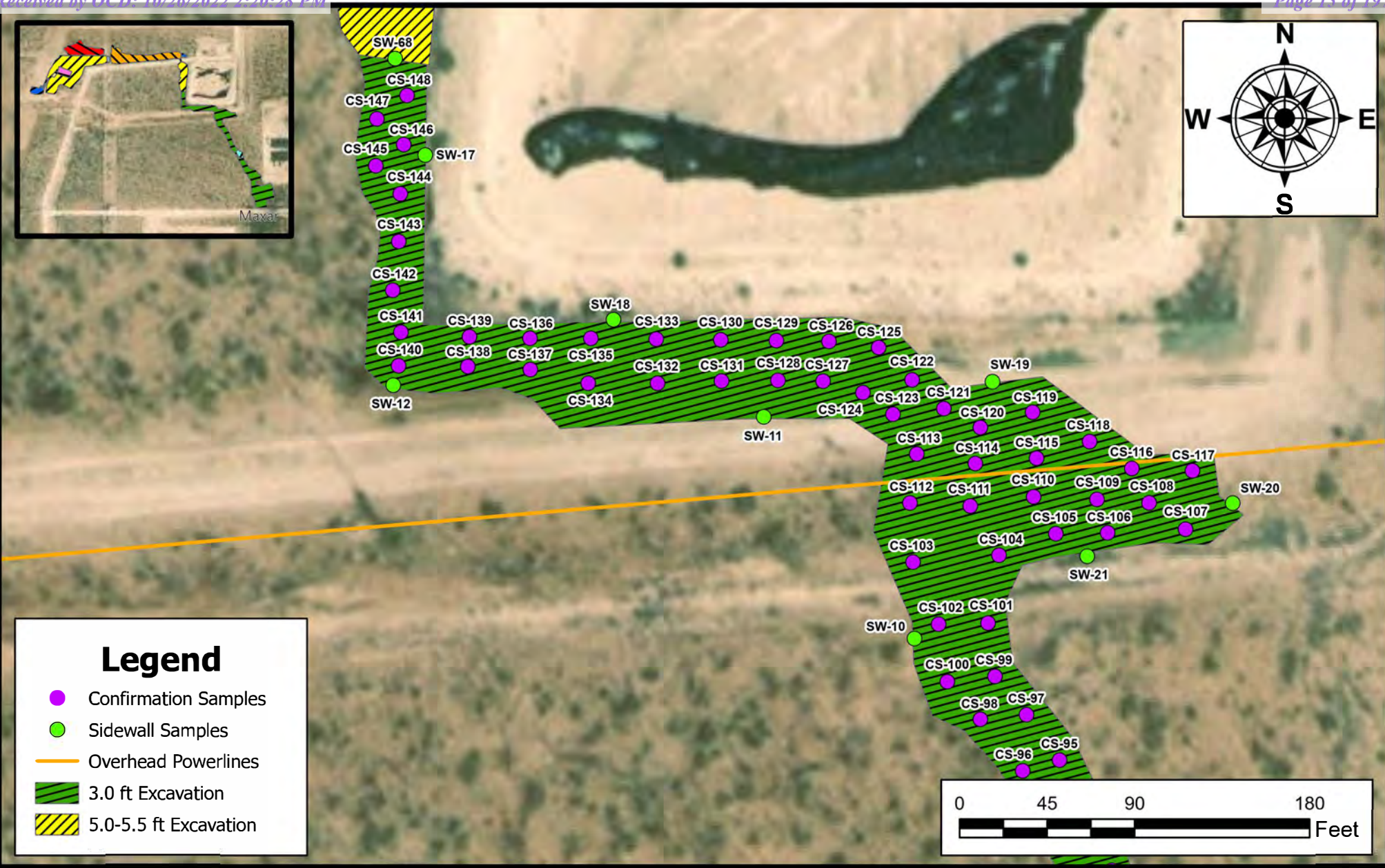
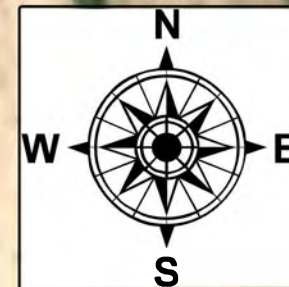
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FIGURE 4

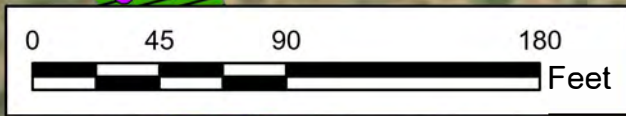
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3 of 8



Legend

- Confirmation Samples
- Sidewall Samples
- Overhead Powerlines
- 3.0 ft Excavation
- 5.0-5.5 ft Excavation



EXCAVATION DEPTH MAP

XTO ENERGY

PLU 423 SOUTH FRAC POND
EDDY COUNTY, NEW MEXICO
32.11345, -103.91211

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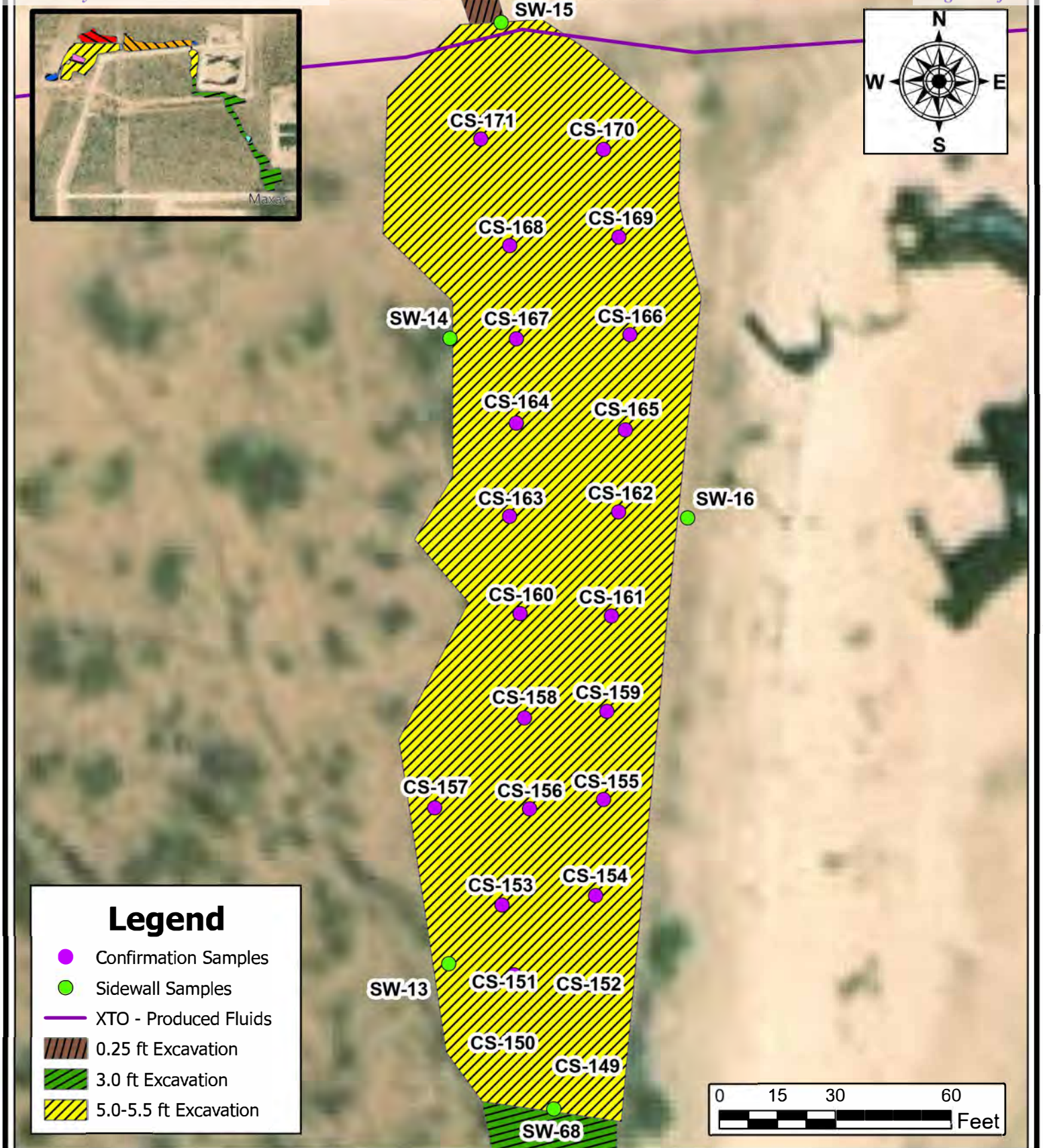
FIGURE 4

SHEET NUMBER:

4 of 8

SCALE: As Shown

Date: 8/3/2022



EXCAVATION DEPTH MAP
XTO ENERGY
 PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211

SCALE: As Shown

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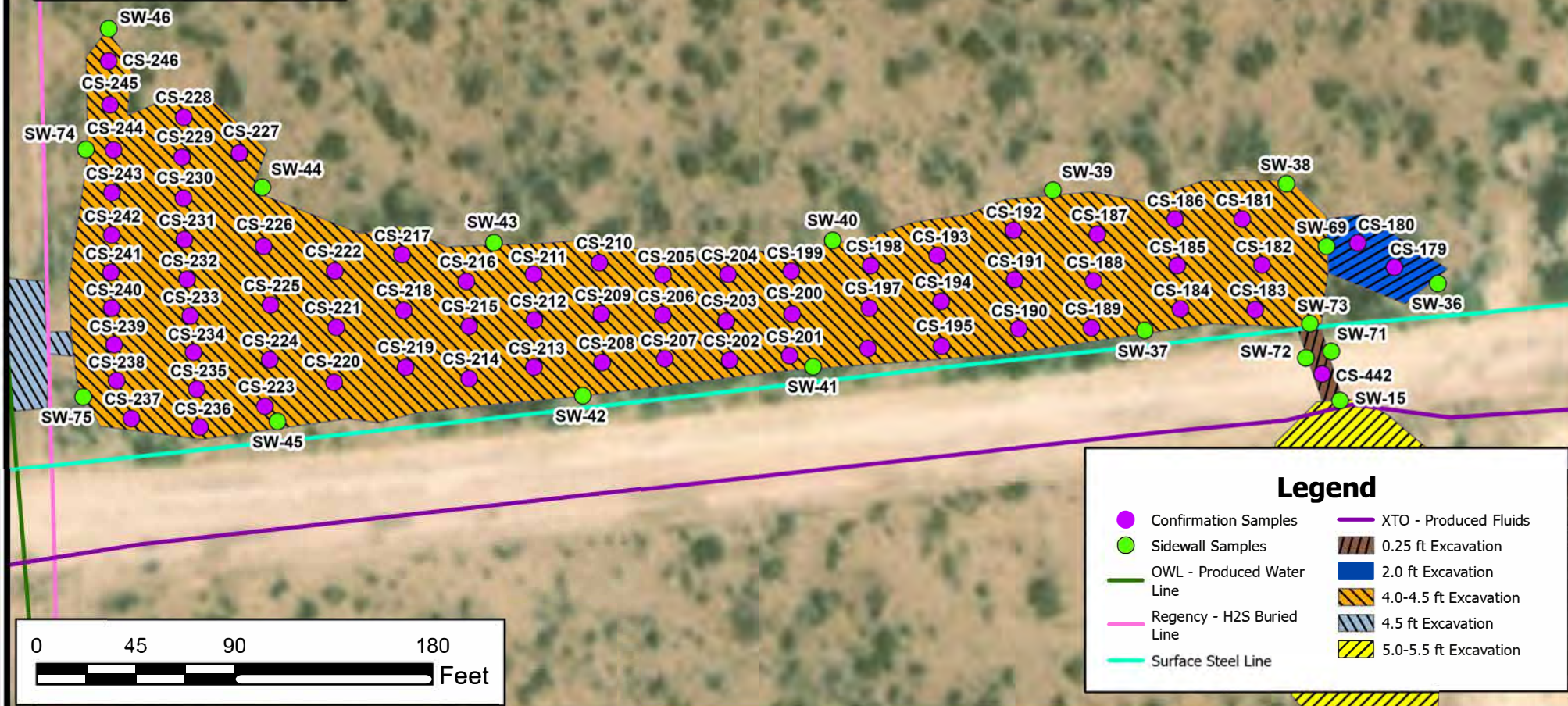
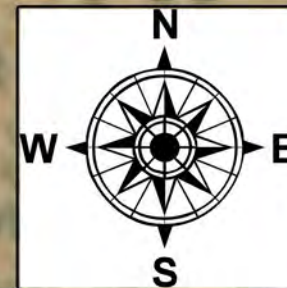
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

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FIGURE 4

SHEET NUMBER:

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Legend

- Confirmation Samples
- Sidewall Samples
- OWL - Produced Water Line
- Regency - H2S Buried Line
- Surface Steel Line
- 0.25 ft Excavation
- 2.0 ft Excavation
- 4.0-4.5 ft Excavation
- 4.5 ft Excavation
- 5.0-5.5 ft Excavation
- XTO - Produced Fluids

EXCAVATION DEPTH MAP
XTO ENERGY
 PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211



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NOTES:

1. Base Image: ESRI Maps & Data 2013
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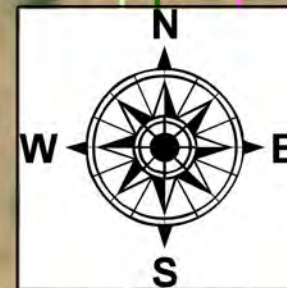
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6 of 8

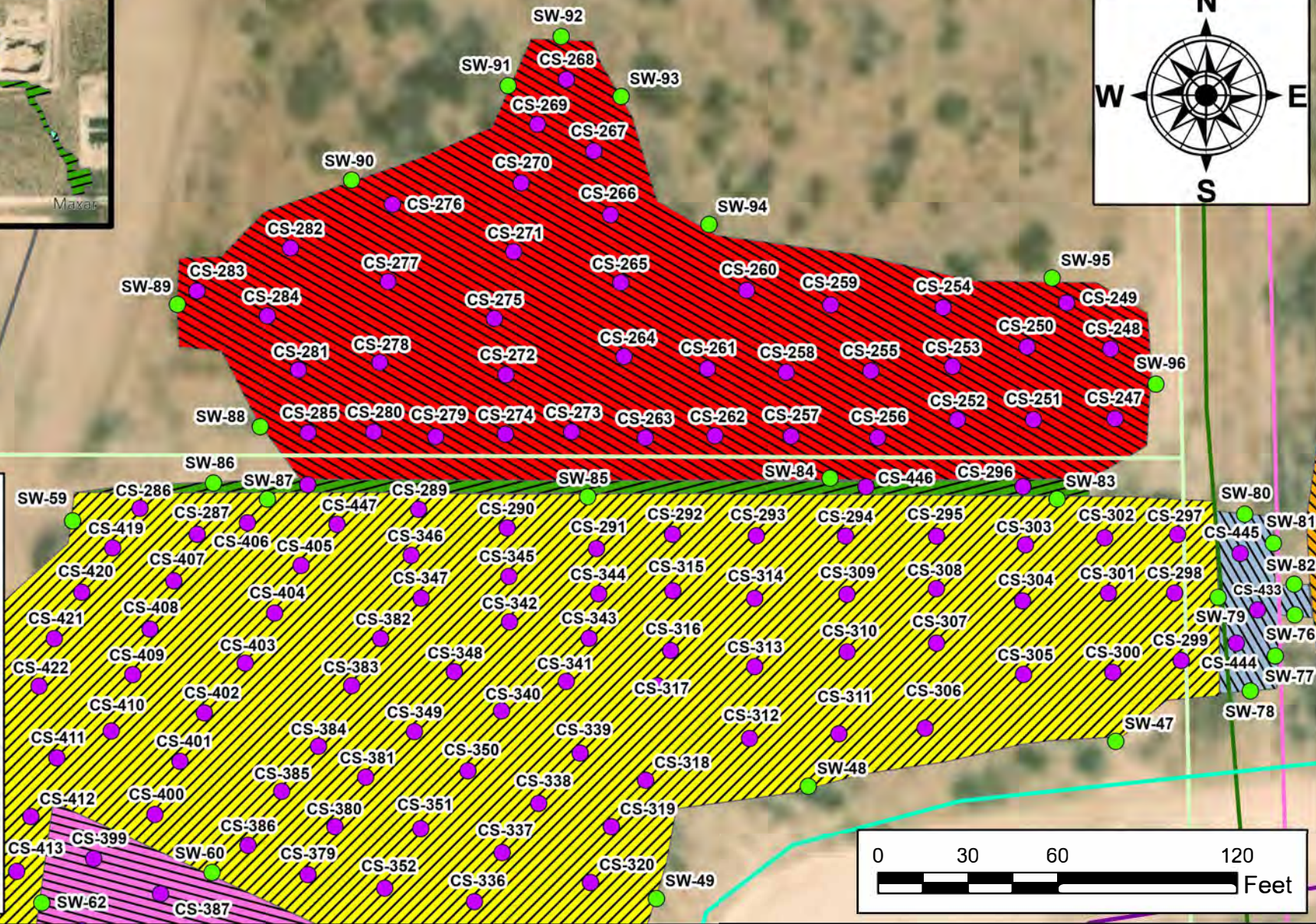
SCALE: As Shown

Date: 8/3/2022



Legend

- Confirmation Samples
- Sidewall Samples
- Lucid - Natural Gas
- OWL - Produced Water Line
- Regency - H2S Buried Line
- Surface Steel Line
- XTO - Crude Oil
- XTO - Gas
- XTO - Produced Fluids
- XTO - Water
- 3.0 ft Excavation
- 4.0 ft Excavation
- 4.0-4.5 ft Excavation
- 4.5 ft Excavation
- 5.0-5.5 ft Excavation
- 7.0 ft Excavation



EXCAVATION DEPTH MAP
XTO ENERGY
 PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211



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DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

7 of 8

SCALE: As Shown

Date: 8/3/2022

APPENDIX A

CARMONA RESOURCES



Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-1	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.2
CS-2	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.3
CS-3	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	117
CS-4	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	89.0
CS-5	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.1
CS-6	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	45.7
CS-7	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	112
CS-8	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	102
CS-9	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.3
CS-10	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.9
CS-11	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-12	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-13	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.3
CS-14	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	77.2
CS-15	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	129
CS-16	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	126
CS-17	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	125
CS-18	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.7
CS-19	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	105
CS-20	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	111
CS-21	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.9
CS-22	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.5
CS-23	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-24	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-25	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	77.2
CS-26	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	68.1
CS-27	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	143
CS-28	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.2
CS-29	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	134
CS-30	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	415
CS-31	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	408
CS-32	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.2
CS-33	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.6
CS-34	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.6
CS-35	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.8
CS-36	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.3
CS-37	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.5
CS-38	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	60.0
CS-39	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.9
CS-40	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	378
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

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

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-41	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	531
CS-42	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-43	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.2
CS-44	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	159
CS-45	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	153
CS-46	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	51.5
CS-47	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.3
CS-48	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.3
CS-49	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	279
CS-50	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.6
CS-51	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	129
CS-52	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	82.2
CS-53	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.9
CS-54	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	329
CS-55	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.6
CS-56	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	123
CS-57	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.3
CS-58	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	77.1
CS-59	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	128
CS-60	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.3
CS-61	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	203
CS-62	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	181
CS-63	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	114
CS-64	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	123
CS-65	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	56.0
CS-66	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	204
CS-67	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	183
CS-68	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	165
CS-69	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.8
CS-70	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	154
CS-71	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	174
CS-72	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	182
CS-73	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	155
CS-74	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.3
CS-75	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	129
CS-76	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	254
CS-77	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	277
CS-78	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	113
CS-79	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	206
CS-80	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.7
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-81	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	129
CS-82	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	231
CS-83	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	108
CS-84	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	113
CS-85	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	94.3
CS-86	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	255
CS-87	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	307
CS-88	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	150
CS-89	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	182
CS-90	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	236
CS-91	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	172
CS-92	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	198
CS-93	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	132
CS-94	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	132
CS-95	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	111
CS-96	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	111
CS-97	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.4
CS-98	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	207
CS-99	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-100	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	99.6
CS-101	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	94.9
CS-102	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	314
CS-103	6/23/2022	3.0	ND	42.4	ND	42.4	ND	ND	ND	ND	ND	43.6
CS-104	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	135
CS-105	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	91.1
CS-106	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	102
CS-107	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.0
CS-108	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-109	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	87.7
CS-110	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	106
CS-111	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	111
CS-112	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.6
CS-113	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	140
CS-114	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-115	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.2
CS-116	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-117	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	104
CS-118	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-119	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-120	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-121	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.6
CS-122	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.1
CS-123	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	81.9
CS-124	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.2
CS-125	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.9
CS-126	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.3
CS-127	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	88.8
CS-128	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	82.9
CS-129	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	101
CS-130	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-131	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.0
CS-132	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	88.1
CS-133	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	88.8
CS-134	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.2
CS-135	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.4
CS-136	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-137	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	69.5
CS-138	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.0
CS-139	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-140	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-141	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.1
CS-142	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.4
CS-143	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.1
CS-144	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.1
CS-145	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.8
CS-146	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.1
CS-147	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-148	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-149	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.7
CS-150	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.6
CS-151	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-152	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.0
CS-153	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.3
CS-154	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	147
CS-155	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.8
CS-156	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	68.8
CS-157	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.9
CS-158	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.8
CS-159	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	348
CS-160	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.9
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
XTO Energy
PLU 423 South Frac Pond
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							
CS-161	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.6	
CS-162	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	58.6	
CS-163	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	676	
	7/21/2022	5.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	306	
CS-164	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.4	
CS-165	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-166	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	266	
CS-167	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	56.1	
CS-168	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-169	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	287	
CS-170	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.60	
CS-171	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	95.3	
CS-172	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	55.9	
CS-173	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	99.0	
CS-174	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	48.2	
CS-175	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	139	
CS-176	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-177	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.7	
CS-178	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	125	
CS-179	6/23/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	253	
CS-180	6/23/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.9	
CS-181	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.5	
CS-182	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.0	
CS-183	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	197	
CS-184	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	90.0	
CS-185	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	82.1	
CS-186	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.8	
CS-187	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.8	
CS-188	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	87.6	
CS-189	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	186	
CS-190	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	423	
CS-191	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	505	
CS-192	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	139	
CS-193	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	113	
CS-194	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	107	
CS-195	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	123	
CS-196	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	231	
CS-197	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	208	
CS-198	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	120	
CS-199	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	195	
CS-200	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	133	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg
(-) Not Analyzed													

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(CS) Confirmation Sample

 Removed

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-201	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-202	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-203	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	127
CS-204	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	87.2
CS-205	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-206	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.0
CS-207	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.6
CS-208	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.6
CS-209	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	85.7
CS-210	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	99.3
CS-211	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.8
CS-212	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.6
CS-213	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.8
CS-214	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.5
CS-215	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-216	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.9
CS-217	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	226
CS-218	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-219	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	485
CS-220	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-221	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	465
CS-222	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.5
CS-223	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	798
	7/21/2022	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
CS-224	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-225	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.1
CS-226	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	404
CS-227	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.8
CS-228	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.0
CS-229	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.7
CS-230	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	284
CS-231	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.5
CS-232	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.9
CS-233	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	98.6
CS-234	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.2
CS-235	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-236	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.6
CS-237	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	296
CS-238	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.8
CS-239	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-240	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

 Removed

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-241	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.2
CS-242	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	131
CS-243	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	273
CS-244	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.1
CS-245	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	298
CS-246	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	127
CS-247	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.6
CS-248	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.3
CS-249	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	42.8
CS-250	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	385
CS-251	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.5
CS-252	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.2
CS-253	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.6
CS-254	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	90.2
CS-255	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	122
CS-256	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	395
CS-257	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	285
CS-258	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.3
CS-259	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	78.3
CS-260	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	68.2
CS-261	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	464
CS-262	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	290
CS-263	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.1
CS-264	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	58.9
CS-265	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	71.0
CS-266	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	186
CS-267	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.3
CS-268	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.6
CS-269	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.6
CS-270	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-271	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.7
CS-272	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.5
CS-273	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	318
CS-274	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	208
CS-275	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.7
CS-276	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.5
CS-277	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	555
CS-278	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	60.8
CS-279	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	513
CS-280	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.5
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-281	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	45.3
CS-282	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	521
CS-283	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.0
CS-284	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.0
CS-285	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	48.9
CS-286	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.0
CS-287	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.9
CS-288	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.1
CS-289	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.2
CS-290	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.7
CS-291	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.9
CS-292	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	96.7
CS-293	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.7
CS-294	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.9
CS-295	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	98.4
CS-296	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.6
CS-297	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.4
CS-298	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.4
CS-299	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.6
CS-300	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.6
CS-301	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.4
CS-302	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.2
CS-303	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.3
CS-304	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.4
CS-305	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.7
CS-306	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	72.0
CS-307	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.1
CS-308	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.0
CS-309	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	85.7
CS-310	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.6
CS-311	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.7
CS-312	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.5
CS-313	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.4
CS-314	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.6
CS-315	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	83.5
CS-316	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	103
CS-317	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.9
CS-318	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.9
CS-319	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.3
CS-320	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.7
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg
(-) Not Analyzed												

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

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-321	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	85.2
CS-322	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	92.0
CS-323	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.9
CS-324	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	97.6
CS-325	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-326	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.3
CS-327	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	82.8
CS-328	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.4
CS-329	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.8
CS-330	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.2
CS-331	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.0
CS-332	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	119
CS-333	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	86.3
CS-334	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	114
CS-335	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	110
CS-336	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.4
CS-337	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.8
CS-338	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	91.8
CS-339	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.2
CS-340	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	277
CS-341	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	92.3
CS-342	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	106
CS-343	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.0
CS-344	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-345	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	81.4
CS-346	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	90.3
CS-347	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	102
CS-348	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	84
CS-349	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	90.5
CS-350	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	83.6
CS-351	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	90.9
CS-352	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	113
CS-353	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	68.7
CS-354	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.9
CS-355	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-356	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	96.7
CS-357	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.4
CS-358	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	121
CS-359	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.3
CS-360	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.6
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-361	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	89.2
CS-362	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	104
CS-363	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.3
CS-364	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.1
CS-365	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.0
CS-366	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-367	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	90.8
CS-368	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	76.2
CS-369	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	81.3
CS-370	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.4
CS-371	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.5
CS-372	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.9
CS-373	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.1
CS-374	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.3
CS-375	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	88.0
CS-376	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.9
CS-377	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	96.3
CS-378	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.1
CS-379	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.3
CS-380	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	114
CS-381	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.2
CS-382	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.5
CS-383	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.3
CS-384	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.6
CS-385	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.1
CS-386	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.6
CS-387	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.2
CS-388	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.7
CS-389	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.3
CS-390	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.2
CS-391	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.7
CS-392	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	108
CS-393	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.8
CS-394	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.0
CS-395	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.5
CS-396	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.1
CS-397	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	85.0
CS-398	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.1
CS-399	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	147
CS-400	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.0
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
XTO Energy
PLU 423 South Frac Pond
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							
CS-401	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.1	
CS-402	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.0	
CS-403	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.6	
CS-404	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.2	
CS-405	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	58.6	
CS-406	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.0	
CS-407	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.0	
CS-408	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.1	
CS-409	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.0	
CS-410	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.9	
CS-411	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.5	
CS-412	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.2	
CS-413	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.5	
CS-414	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.9	
CS-415	6/23/2022	9.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.5	
CS-416	6/23/2022	9.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.4	
CS-417	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.8	
CS-418	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	42.6	
CS-419	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.0	
CS-420	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.3	
CS-421	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	112	
CS-422	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.9	
CS-423	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.0	
CS-424	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	182	
CS-425	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	116	
CS-426	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.6	
CS-427	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.3	
CS-428	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.0	
CS-429	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.0	
CS-430	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	440	
CS-431	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.4	
CS-432	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.8	
CS-433	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-434	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-435	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	512	
CS-436	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	134	
CS-437	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.7	
CS-438	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.0	
CS-439	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-440	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.5	
CS-441	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-442	7/21/2022	0.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	94.9	
CS-443	7/21/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-444	7/21/2022	4-4.5	ND	118	58.8	176.8	ND	ND	ND	ND	ND	56.8	
	7/28/2022	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-445	7/21/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	42.4	
CS-446	7/21/2022	3.0	ND	ND		ND	ND	ND	ND	ND	ND	57.1	
CS-447	7/21/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	93.5	
Regulatory Criteria ^a							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Removed

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
SW-1	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.3
SW-2	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.7
SW-3	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.2
SW-4	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.6
SW-5	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.7
SW-6	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.8
SW-7	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.5
SW-8	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.0
SW-9	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.6
SW-10	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-11	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	70.9
SW-12	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	101
SW-13	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	67.6
SW-14	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.0
SW-15	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.5
SW-16	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	67.8
SW-17	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.7
SW-18	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	286
SW-19	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	171
SW-20	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	149
SW-21	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	162
SW-22	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	161
SW-23	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	157
SW-24	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.3
SW-25	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.9
SW-26	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	102
SW-27	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	122
SW-28	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.6
SW-29	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	51.7
SW-30	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-31	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	304
SW-32	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	400
SW-33	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.1
SW-34	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.0
SW-35	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.0
SW-36	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.3
SW-37	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.9
SW-38	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.1
SW-39	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.4
SW-40	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	355
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg
(-) Not Analyzed												

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

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
SW-41	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.6
SW-42	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	82.8
SW-43	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	120
SW-44	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	199
SW-45	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-46	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	173
SW-47	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	218
SW-48	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	122
SW-49	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-50	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.2
SW-51	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	103
SW-52	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	316
SW-53	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	287
SW-54	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.2
SW-55	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.2
SW-56	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	42.9
SW-57	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.2
SW-58	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.8
SW-59	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.2
SW-60	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.2
SW-61	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.4
SW-62	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.4
SW-63	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.3
SW-64	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.3
SW-65	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.3
SW-66	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-67	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.5
SW-68	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.7
SW-69	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.7
SW-70	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-71	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	72.3
SW-72	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	72.4
SW-73	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.7
SW-74	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	238
SW-75	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	89.3
SW-76	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	65.2
SW-77	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-78	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	160
SW-79	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.9
SW-80	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	202
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg
(-) Not Analyzed												

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

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
SW-81	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	216
SW-82	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	228
SW-83	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.9
SW-84	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	237
SW-85	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.8
SW-86	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	341
SW-87	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	51.2
SW-88	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	209
SW-89	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	152
SW-90	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.3
SW-91	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	48.4
SW-92	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.5
SW-93	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.5
SW-94	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.3
SW-95	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.3
SW-96	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-97	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	80.4
SW-98	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	65.3
SW-99	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	51.6
SW-100	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	244
SW-101	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	134
SW-102	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

XTO Energy

Photograph No. 1

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View East, area of 3' Excavation.



Photograph No. 2

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View South, area of 3' Excavation.



Photograph No. 3

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View Northwest, area of 3' Excavation.



PHOTOGRAPHIC LOG

XTO Eneergy

Photograph No. 4

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View Southeast, areas of 3' and 10' Excavation.



Photograph No. 5

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View Southeast, area of 3' Excavation.



Photograph No. 6

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View Southeast, area of 3' Excavation.



PHOTOGRAPHIC LOG

XTO Eneergy

Photograph No. 7

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View South, area of 5-5.5' Excavation.



Photograph No. 8

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View South, areas of 2', 0.25', and 5-5.5' Excavation.



Photograph No. 9

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View West, area of 4-4.5' Excavation.



PHOTOGRAPHIC LOG

XTO Eneergy

Photograph No. 10

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View East, area of 4-4.5' Excavaton



Photograph No. 11

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View West, area of 4-4.5' Excavtion.



Photograph No. 12

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View East, area of 5-5.5' Excavation.



PHOTOGRAPHIC LOG

XTO Eneergy

Photograph No. 13

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View East, areas of 5-5.5', 7', and 9' Excavation.



Photograph No. 14

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View South, areas of 5-5.5', 7', and 9' Excavation.



Photograph No. 15

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View Northeast, area of 2' Excavation.



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	NAPP2201254527
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party XTO Energy	OGRID 5380
Contact Name Shelby Pennington	Contact Telephone 281-723-9353
Contact email shelby.g.pennington@exxonmobil.com	Incident # (assigned by OCD)
Contact mailing address 6401 Holiday Hill Rd Bldg 5, Midland, Texas, 79707	

Location of Release Source

Latitude 32.11345 Longitude -103.91211
(NAD 83 in decimal degrees to 5 decimal places)

Site Name PLU South Frac Pond	Site Type Frac Pond
Date Release Discovered 12/29/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
I	19	25S	30E	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)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☒ Other (describe) Frac Fluid	Volume/Weight Released (provide units) 2626.42	Volume/Weight Recovered (provide units) 55.00

Cause of Release Water transfer company had a victaulic connection on the lay-flat line malfunction during frac operations, releasing fluids to pad. Vacuum trucks recovered free fluids. A third-party contractor has been retained for remediation purposes.

Incident ID	NAPP2201254527
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? A release equal to or greater than 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, by Garrett Green to Mike Bratcher, Victoria Venegas, Robert Hamlet, and Crisha Morgan on Wednesday, December 29, 2021 7:39 PM via email.	

Initial Response

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

☒ The source of the release has been stopped. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ 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: NA	
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: Shelby G. Pennington	Title: Environmental Manager
Signature: 	Date: 1/12/22
email: shelby.g.pennington@exxonmobil.com	Telephone: 281-723-9353
OCD Only	
Received by: Ramona Marcus	Date: 1/12/2022

NAPP2201254527

Location:	PLU South Frac Pond	
Spill Date:	12/29/2021	
Area 1		
Approximate Area =	41317.30	sq. ft.
Average Saturation (or depth) of spill =	5.00	inches
Average Porosity Factor = 0.15		
VOLUME OF LEAK		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	459.91	bbls
Area 2		
Approximate Area =	5986.00	sq. ft.
Average Saturation (or depth) of spill =	5.00	inches
Average Porosity Factor = 0.15		
VOLUME OF LEAK		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	66.63	bbls
Area 3		
Approximate Area =	114588.00	sq. ft.
Average Saturation (or depth) of spill =	8.00	inches
Average Porosity Factor = 0.15		
VOLUME OF LEAK		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	2095.81	bbls
Area 4		
Approximate Area =	6522.00	sq. ft.
Average Saturation (or depth) of spill =	1.00	inches
Average Porosity Factor = 0.03		
VOLUME OF LEAK		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	2.90	bbls
Area 5		
Approximate Area =	10497.00	sq. ft.
Average Saturation (or depth) of spill =	0.25	inches
Average Porosity Factor = 0.03		
VOLUME OF LEAK		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	1.17	bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	2626.42	bbls
TOTAL VOLUME RECOVERED		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	55.00	bbls

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 72074

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 72074
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rmarcus	None	1/12/2022

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?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ 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)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ 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?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ 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: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 02/01/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 02/01/2023

Printed Name: Jocelyn Harimon Title: Environmental Specialist

From: Heriberto Gaytan
Sent: Tuesday, June 21, 2022 2:18 PM
To: Mike Carmona
Subject: FW: [EXTERNAL] NAPP2201254527 - Alternative Sampling Plan and Confirmation Sampling Notification/ 90-day extension

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Tuesday, June 21, 2022 9:16 AM
To: Baker, Adrian <adrian.baker@exxonmobil.com>
Cc: Heriberto Gaytan <hgaytan@hazmatspecialservices.com>; Green, Garrett J <garrett.green@exxonmobil.com>; DelawareSpills /SM <DelawareSpills@exxonmobil.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>
Subject: RE: [EXTERNAL] NAPP2201254527 - Alternative Sampling Plan and Confirmation Sampling Notification/ 90-day extension

RE: Incident #**NAPP2201254527**

Adrian,

Your request for an extension to **September 26th, 2022** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

The variance request for **500 ft²** composite confirmation sample size is approved. Please include a copy of this variance approval in the remedial and/or closure reports to ensure the document is included in the project file.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Baker, Adrian <adrian.baker@exxonmobil.com>
Sent: Tuesday, June 21, 2022 8:24 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Cc: Heriberto Gaytan <hgaytan@hazmatspecialservices.com>; Green, Garrett J <garrett.green@exxonmobil.com>; DelawareSpills /SM <DelawareSpills@exxonmobil.com>
Subject: [EXTERNAL] NAPP2201254527 - Alternative Sampling Plan and Confirmation Sampling Notification/ 90-day extension

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

Mike,

This is sent on behalf of Haz Mat Services, they have been contracted as the environmental consultant for Purity Oil Field Service. Purity was working for XTO when they caused a release to the pasture during water transfer activities. I believe Mr. Gaytan (cc'd) spoke with you already, he would like to request the following:

NAPP2201254527 - Alternative Sampling Plan and Confirmation Sampling Notification/ 90-day extension:

1. This email has been prepared to request an alternative sampling plan to include the collection of 5-point composite soil samples representing every 500 sq. ft. at XTO ENERGY/ PURITY OILFIELD SERVICE PLU SOUTH FRAC POND RELEASE Reportable Release Site. A majority of the approximate 8 ACRES affected area has been excavated in accordance with the NMOCD using chloride field screens to help guide the excavation. Haz Mat Special Services anticipates beginning the collection of excavation confirmation soil samples during the week of June 24, 2022. The request for an alternative sampling plan is based on the size of the release and the immediate response; remediation activities have been ongoing since the release occurred.
2. XTO Energy is requesting an extension for the current deadline of June 26, 2022 for completing a remediation workplan or Closure report required in 19.15.29.B.(1) NMAC at the XTO PLU South Frac Pond Incident #NAPP2201254527. The release was discovered December 29, 2021. A connection on a lay flat frac fluid line malfunctioned during frac operations. Frac fluids were released across approximately 8 acres. On January 25, 2022, an archeological survey was performed on the area. After discussions on approval with all parties associated with release, access was granted to start remediation efforts. Haz Mat Special Services continues excavation activities in accordance with NMOCD regulations. To provide enough time to finalize remediation work, and to complete a remediation work plan or closure report, XTO requests a 90-day extension of the current deadline until September 26, 2022.

Adrian Baker

Environmental Coordinator
Permian Business Unit

XTO Energy Inc.
6401 N. Holiday Hill Dr.

Midland, Tx 79707

Mobile:(432)-236-3808

adrian.baker@exxonmobil.com

APPENDIX D

CARMONA RESOURCES



Nearest water well

XTO Energy

Legend

- 0.50 Mile Radius
- 1.26 Miles
- 1.75 Miles
- NMSEO Water Well
- PLU 423 South Frac Pond
- USGS Water Well



LOW KARST

XTO Energy

Legend

- High
- Low
- Medium
- PLU 423 South Frac Pond

PLU 423 South Frac Pond

4 mi

N



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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

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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 =

- 320629103533001

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

USGS 320629103533001 25S.30E.21.33342

Eddy County, New Mexico
Latitude 32°06'29", Longitude 103°53'30" NAD27
Land-surface elevation 3,209 feet above NAVD88
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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
1959-02-05			D	62610	2944.36	NGVD29	1		Z	
1959-02-05			D	62611	2946.00	NAVD88	1		Z	
1959-02-05			D	72019	263.00		1		Z	

Explanation

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

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)

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0.27 0.24 nadww01



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Data Category: Groundwater Geographic Area: New Mexico GO

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320628103533001

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

USGS 320628103533001 25S.30E.21.333424

Eddy County, New Mexico
Latitude 32°06'28", Longitude 103°53'30" NAD27
Land-surface elevation 3,207 feet above NAVD88
The depth of the well is 288 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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
1958-08-21			D 62610		2972.36	NGVD29	1		Z	
1958-08-21			D 62611		2974.00	NAVD88	1		Z	
1958-08-21			D 72019	233.00			1		Z	
1959-02-05			D 62610		2939.26	NGVD29	P		Z	
1959-02-05			D 62611		2940.90	NAVD88	P		Z	
1959-02-05			D 72019	266.10			P		Z	
1983-02-01			D 62610		2945.48	NGVD29	1		Z	
1983-02-01			D 62611		2947.12	NAVD88	1		Z	
1983-02-01			D 72019	259.88			1		Z	
1998-01-28			D 62610		2940.76	NGVD29	1		S	
1998-01-28			D 62611		2942.40	NAVD88	1		S	
1998-01-28			D 72019	264.60			1		S	

Explanation

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

Section	Code	Description
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
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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0.29 0.25 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

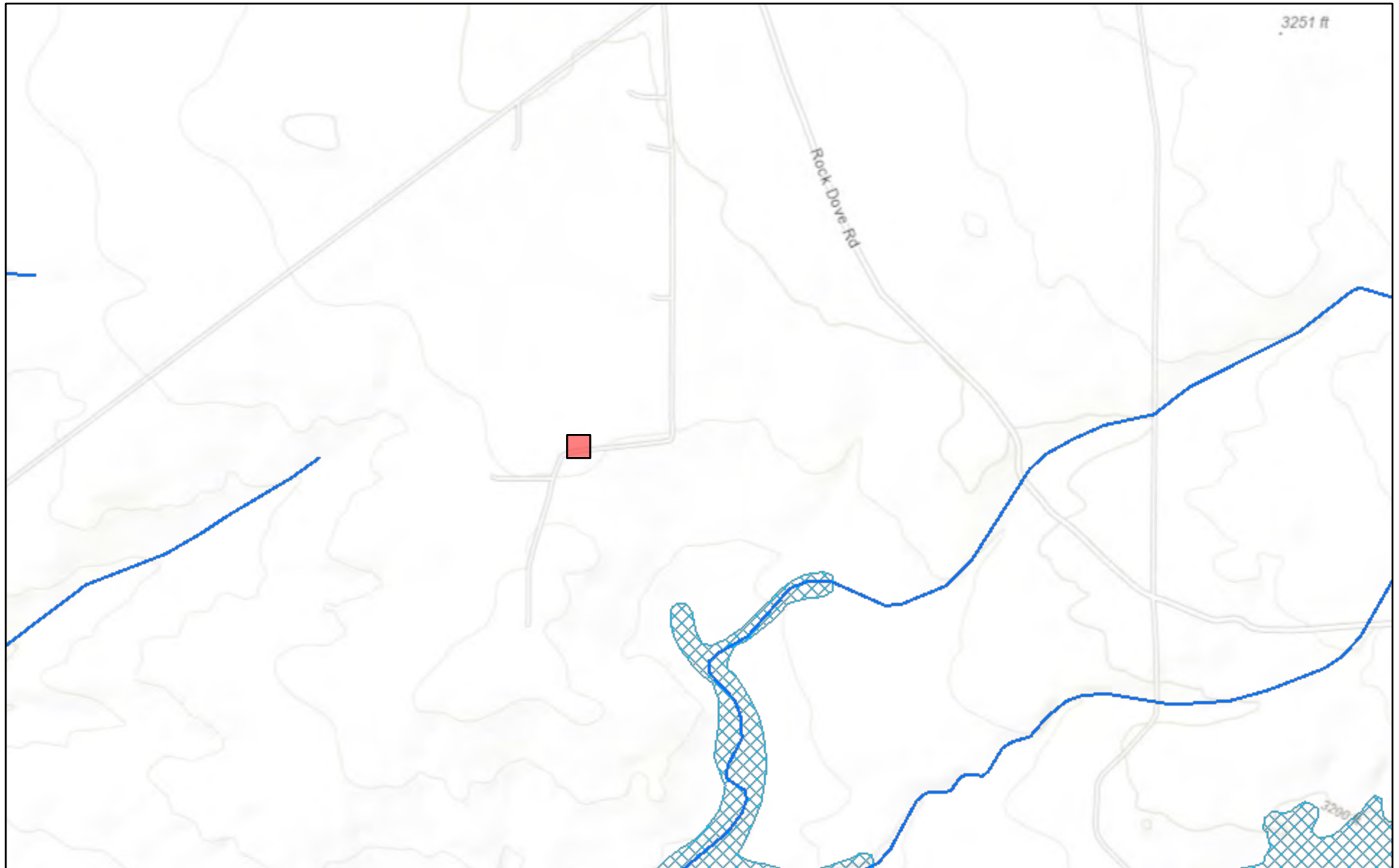
		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	03782 POD1	4	3	3	28	25S	30E	604526	3551444 
Driller License: 331		Driller Company:				SBQ2, LLC DBA STEWART BROTHERS DRILLING CO.			
Driller Name:									
Drill Start Date: 01/16/2015		Drill Finish Date:				01/17/2015		Plug Date:	
Log File Date: 02/19/2015		PCW Rcv Date:						Source: Artesian	
Pump Type:		Pipe Discharge Size:						Estimated Yield:	
Casing Size: 8.63		Depth Well:				805 feet		Depth Water: 277 feet	

Water Bearing Stratifications:		Top	Bottom	Description
		260	320	Sandstone/Gravel/Conglomerate
		320	380	Sandstone/Gravel/Conglomerate
		380	410	Sandstone/Gravel/Conglomerate
		410	530	Shale/Mudstone/Siltstone
		530	590	Shale/Mudstone/Siltstone
		590	600	Shale/Mudstone/Siltstone
		600	630	Shale/Mudstone/Siltstone
		630	650	Shale/Mudstone/Siltstone
		650	700	Shale/Mudstone/Siltstone
		700	710	Shale/Mudstone/Siltstone
		710	760	Shale/Mudstone/Siltstone
		760	770	Shale/Mudstone/Siltstone
		770	780	Shale/Mudstone/Siltstone
		780	790	Shale/Mudstone/Siltstone
		790	805	Shale/Mudstone/Siltstone

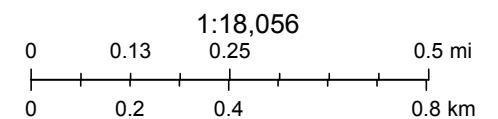
Casing Perforations:		Top	Bottom
		270	805

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.

New Mexico NFHL Data



August 8, 2022



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

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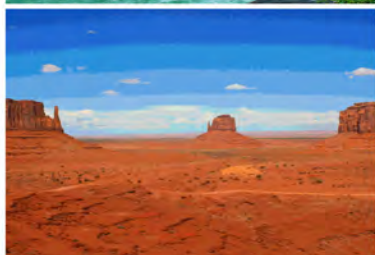
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APPENDIX E

CARMONA RESOURCES



Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206206

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/30/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 6/30/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206206
Date Received: 6/29/2022 6:45:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:45:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 06/30/22 17:17
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1 (3')	E206206-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-2 (3')	E206206-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-3 (3')	E206206-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-4 (3')	E206206-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-5 (3')	E206206-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-6 (3')	E206206-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-7 (3')	E206206-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-8 (3')	E206206-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-9 (3')	E206206-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-10 (3')	E206206-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-11 (3')	E206206-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-12 (3')	E206206-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-13 (3')	E206206-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-14 (3')	E206206-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-15 (3')	E206206-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-16 (3')	E206206-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-17 (3')	E206206-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-18 (3')	E206206-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-19 (3')	E206206-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-20 (3')	E206206-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 5:17:28PM
---	---	----------------------------------

CS-1 (3')

E206206-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	96.0 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	96.0 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	113 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	22.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-2 (3')

E206206-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	96.3 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	96.3 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	121 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	41.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-3 (3')

E206206-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	108 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	117	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-4 (3')

E206206-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	114 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	89.0	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-5 (3')

E206206-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	98.5 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	61.1	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-6 (3')

E206206-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	45.7	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-7 (3')

E206206-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	110 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	112	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-8 (3')

E206206-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	103 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	102	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-9 (3')

E206206-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	100 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	43.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-10 (3')

E206206-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	39.9	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-11 (3')

E206206-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	83.6 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	ND	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-12 (3')

E206206-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	ND	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-13 (3')

E206206-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	64.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-14 (3')

E206206-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	108 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	77.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-15 (3')

E206206-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	129	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-16 (3')

E206206-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	103 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	126	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-17 (3')

E206206-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	93.0 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	125	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-18 (3')

E206206-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	44.7	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-19 (3')

E206206-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	105	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-20 (3')

E206206-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	115 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	111	20.0	1	06/29/22	06/29/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 5:17:28PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227062-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.527		0.500		105	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.3	70-130			

LCS (2227062-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	2.40	0.0250	2.50		96.2	70-130			
Ethylbenzene	2.37	0.0250	2.50		94.9	70-130			
Toluene	2.36	0.0250	2.50		94.3	70-130			
o-Xylene	2.46	0.0250	2.50		98.2	70-130			
p,m-Xylene	4.82	0.0500	5.00		96.3	70-130			
Total Xylenes	7.27	0.0250	7.50		96.9	70-130			
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

LCS Dup (2227062-BSD1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	2.33	0.0250	2.50		93.2	70-130	3.10	23	
Ethylbenzene	2.30	0.0250	2.50		92.0	70-130	3.10	27	
Toluene	2.26	0.0250	2.50		90.5	70-130	4.16	24	
o-Xylene	2.38	0.0250	2.50		95.0	70-130	3.29	27	
p,m-Xylene	4.66	0.0500	5.00		93.1	70-130	3.37	27	
Total Xylenes	7.03	0.0250	7.50		93.8	70-130	3.34	27	
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 5:17:28PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227062-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.527		0.500		105	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.3	70-130			

LCS (2227062-BS2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			

LCS Dup (2227062-BSD2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.4	70-130	1.11	20	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 5:17:28PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227061-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.2		50.0		104	50-200			

LCS (2227061-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	519	25.0	500		104	38-132			
Surrogate: n-Nonane	57.2		50.0		114	50-200			

Matrix Spike (2227061-MS1)

Source: E206206-12

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	547	25.0	500	ND	109	38-132			
Surrogate: n-Nonane	60.7		50.0		121	50-200			

Matrix Spike Dup (2227061-MSD1)

Source: E206206-12

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	640	25.0	500	ND	128	38-132	15.6	20	
Surrogate: n-Nonane	73.4		50.0		147	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 5:17:28PM
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Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227065-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride ND 20.0

LCS (2227065-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride 234 20.0 250 93.7 90-110

Matrix Spike (2227065-MS1)

Source: E206206-01

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride 265 20.0 250 22.2 97.1 80-120

Matrix Spike Dup (2227065-MSD1)

Source: E206206-01

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride 268 20.0 250 22.2 98.4 80-120 1.28 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	06/30/22 17:17

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Work Order Comments			
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ R ☐ Su ☐ refund ☐		
State of Project:			
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ T ☐ P ☐ vel IV ☐		
Deliverables:	EDD ☐ ADaPT ☐ Other:		

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com, and Eddy Gayton (hgaytan@hazmatspecialservices.com)

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Chain of Custody

Work Order No: E206206
 Job # 22010-0001

Page 2 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ R ☐ Su ☐ rfund ☐	State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TH ☐ P ☐ vel IV ☐	Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-11 (3')		6/23/2022				X				C		1		X X X													
CS-12 (3')		6/23/2022				X				C		1		X X X													
CS-13 (3')		6/23/2022				X				C		1		X X X													
CS-14 (3')		6/23/2022				X				C		1		X X X													
CS-15 (3')		6/23/2022				X				C		1		X X X													
CS-16 (3')		6/23/2022				X				C		1		X X X													
CS-17 (3')		6/23/2022				X				C		1		X X X													
CS-18 (3')		6/23/2022				X				C		1		X X X													
CS-19 (3')		6/23/2022				X				C		1		X X X													
CS-20 (3')		6/23/2022				X				C		1		X X X													

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22				6/29/22 6:48	

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:15:26PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:45	Work Order ID:	E206206
Phone:	(432) 813-6823	Date Logged In:	06/28/22 16:46	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206207

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/30/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 6/30/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206207
Date Received: 6/29/2022 6:45:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:45:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 06/30/22 16:06
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-21 (3')	E206207-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-22 (3')	E206207-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-23 (3')	E206207-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-24 (3')	E206207-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-25 (3')	E206207-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-26 (3')	E206207-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-27 (3')	E206207-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-28 (3')	E206207-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-29 (3')	E206207-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-30 (3')	E206207-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-31 (3')	E206207-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-32 (3')	E206207-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-33 (3')	E206207-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-34 (3')	E206207-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-35 (3')	E206207-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-36 (3')	E206207-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-37 (3')	E206207-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-38 (3')	E206207-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-39 (3')	E206207-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-40 (3')	E206207-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-21 (3')

E206207-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227063	
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227060	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2227066	
Chloride	39.9	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-22 (3')

E206207-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	47.5	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-23 (3')

E206207-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	ND	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-24 (3')

E206207-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	ND	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-25 (3')

E206207-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	77.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-26 (3')

E206207-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	68.1	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-27 (3')

E206207-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	143	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-28 (3')

E206207-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227063	
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227060	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>	116 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227066	
Chloride	28.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-29 (3')

E206207-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	134	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-30 (3')

E206207-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	415	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-31 (3')

E206207-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	408	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-32 (3')

E206207-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.7 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	25.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-33 (3')

E206207-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		84.1 %	70-130	06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.3 %	70-130	06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
		118 %	50-200	06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	20.6	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-34 (3')

E206207-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.7 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	35.6	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-35 (3')

E206207-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.0 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.3 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	36.8	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-36 (3')

E206207-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	20.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-37 (3')

E206207-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	22.5	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-38 (3')

E206207-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.3 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	60.0	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-39 (3')

E206207-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.7 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	123 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	61.9	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-40 (3')

E206207-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	378	20.0	1	06/29/22	06/29/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:06:58PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227063-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.4	70-130			

LCS (2227063-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	5.43	0.0250	5.00		109	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.5	70-130			
Toluene	5.14	0.0250	5.00		103	70-130			
o-Xylene	4.99	0.0250	5.00		99.9	70-130			
p,m-Xylene	9.94	0.0500	10.0		99.4	70-130			
Total Xylenes	14.9	0.0250	15.0		99.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.3	70-130			

LCS Dup (2227063-BSD1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	5.48	0.0250	5.00		110	70-130	0.859	20	
Ethylbenzene	4.87	0.0250	5.00		97.3	70-130	0.819	20	
Toluene	5.19	0.0250	5.00		104	70-130	0.870	20	
o-Xylene	5.04	0.0250	5.00		101	70-130	0.989	20	
p,m-Xylene	10.0	0.0500	10.0		100	70-130	0.865	20	
Total Xylenes	15.1	0.0250	15.0		100	70-130	0.907	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.8	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	6/30/2022 4:06:58PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227063-BLK1) Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.4	70-130			

LCS (2227063-BS2) Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0		95.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.2	70-130			

LCS Dup (2227063-BSD2) Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130	7.79	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:06:58PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227060-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.6		50.0		115	50-200			

LCS (2227060-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	494	25.0	500		98.7	38-132			
Surrogate: n-Nonane	48.4		50.0		96.7	50-200			

Matrix Spike (2227060-MS1)

Source: E206207-08

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	523	25.0	500	ND	105	38-132			
Surrogate: n-Nonane	49.7		50.0		99.4	50-200			

Matrix Spike Dup (2227060-MSD1)

Source: E206207-08

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	513	25.0	500	ND	103	38-132	1.93	20	
Surrogate: n-Nonane	49.5		50.0		99.1	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:06:58PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227066-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride ND 20.0

LCS (2227066-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride 242 20.0 250 96.9 90-110

Matrix Spike (2227066-MS1)

Source: E206207-01

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride 226 20.0 250 39.9 74.4 80-120 M2

Matrix Spike Dup (2227066-MSD1)

Source: E206207-01

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride 286 20.0 250 39.9 98.3 80-120 23.4 20 R3

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	06/30/22 16:06

- M2Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- R3The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- NDAnalyte NOT DETECTED at or above the reporting limit
- NRNot Reported
- RPDRelative Percent Difference
- DNIDid Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Work Order Comments			
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐			
State of Project:			
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐			
Deliverables: EDD ☐ ADaP ☐ Other:			

- 1
- 2
- 3
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- 5
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- 9
- 10

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Work Order Comments			
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐		
State of Project:			
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐		
Deliverables:	EDD ☐ ADaPT ☐ Other:		

[illegible]Page 32 of 33

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:27:19PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:45	Work Order ID:	E206207
Phone:	(432) 813-6823	Date Logged In:	06/28/22 16:52	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206208

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/30/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 6/30/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206208
Date Received: 6/29/2022 6:45:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:45:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 06/30/22 16:31
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-41 (3')	E206208-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-42 (3')	E206208-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-43 (3')	E206208-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-44 (3')	E206208-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-45 (3')	E206208-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-46 (3')	E206208-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-47 (3')	E206208-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-48 (3')	E206208-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-49 (3')	E206208-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-50 (3')	E206208-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-51 (3')	E206208-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-52 (3')	E206208-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-53 (3')	E206208-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-54 (3')	E206208-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-55 (3')	E206208-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-56 (3')	E206208-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-57 (3')	E206208-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-58 (3')	E206208-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-59 (3')	E206208-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-60 (3')	E206208-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:31:39PM
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CS-41 (3')

E206208-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227064	
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: 4-Bromochlorobenzene-PID	84.5 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	81.3 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2227059	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	122 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227067	
Chloride	531	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-42 (3')

E206208-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	ND	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-43 (3')

E206208-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.4 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	46.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-44 (3')

E206208-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	159	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-45 (3')

E206208-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	131 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	153	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-46 (3')

E206208-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	133 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	51.5	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-47 (3')

E206208-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	46.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-48 (3')

E206208-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	128 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	52.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-49 (3')

E206208-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	132 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	279	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-50 (3')

E206208-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		81.1 %	70-130	06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.7 %	70-130	06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
		122 %	50-200	06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	27.6	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-51 (3')

E206208-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	129	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-52 (3')

E206208-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	82.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-53 (3')

E206208-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	74.9	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-54 (3')

E206208-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	329	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-55 (3')

E206208-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	125 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	32.6	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-56 (3')

E206208-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	123 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	123	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-57 (3')

E206208-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	133 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	79.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-58 (3')

E206208-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	77.1	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-59 (3')

E206208-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	128	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-60 (3')

E206208-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	64.3	20.0	1	06/29/22	06/29/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:31:39PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227064-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.79		8.00		84.8	70-130			

LCS (2227064-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	5.78	0.0250	5.00		116	70-130			
Ethylbenzene	5.51	0.0250	5.00		110	70-130			
Toluene	5.97	0.0250	5.00		119	70-130			
o-Xylene	5.39	0.0250	5.00		108	70-130			
p,m-Xylene	11.1	0.0500	10.0		111	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.1	70-130			

LCS Dup (2227064-BSD1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	5.91	0.0250	5.00		118	70-130	2.31	20	
Ethylbenzene	5.65	0.0250	5.00		113	70-130	2.41	20	
Toluene	6.12	0.0250	5.00		122	70-130	2.44	20	
o-Xylene	5.52	0.0250	5.00		110	70-130	2.39	20	
p,m-Xylene	11.4	0.0500	10.0		114	70-130	2.51	20	
Total Xylenes	16.9	0.0250	15.0		113	70-130	2.47	20	
Surrogate: 4-Bromochlorobenzene-PID	6.72		8.00		84.0	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:31:39PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227064-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.73		8.00		84.2	70-130			

LCS (2227064-BS2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.44		8.00		80.5	70-130			

LCS Dup (2227064-BSD2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130	0.141	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.43		8.00		80.4	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:31:39PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227059-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	61.1		50.0		122	50-200			

LCS (2227059-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	530	25.0	500		106	38-132			
Surrogate: n-Nonane	61.8		50.0		124	50-200			

Matrix Spike (2227059-MS1)

Source: E206208-18

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	519	25.0	500	ND	104	38-132			
Surrogate: n-Nonane	59.1		50.0		118	50-200			

Matrix Spike Dup (2227059-MSD1)

Source: E206208-18

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	566	25.0	500	ND	113	38-132	8.79	20	
Surrogate: n-Nonane	66.5		50.0		133	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:31:39PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227067-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride	ND	20.0
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LCS (2227067-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride	234	20.0	250	93.6	90-110
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Matrix Spike (2227067-MS1)

Source: E206208-01

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride	765	20.0	250	531	94.0	80-120
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Matrix Spike Dup (2227067-MSD1)

Source: E206208-01

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride	809	20.0	250	531	111	80-120	5.49	20
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QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	06/30/22 16:31

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E206208
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-41 (3')		6/23/2022				X				C		1		X X X													
CS-42 (3')		6/23/2022				X				C		1		X X X													
CS-43 (3')		6/23/2022				X				C		1		X X X													
CS-44 (3')		6/23/2022				X				C		1		X X X													
CS-45 (3')		6/23/2022				X				C		1		X X X													
CS-46 (3')		6/23/2022				X				C		1		X X X													
CS-47 (3')		6/23/2022				X				C		1		X X X													
CS-48 (3')		6/23/2022				X				C		1		X X X													
CS-49 (3')		6/23/2022				X				C		1		X X X													
CS-50 (3')		6/23/2022				X				C		1		X X X													

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	
				6-28-22						6-28-22	
				6-28-22						6/29/22 6:45	

Chain of Custody

Work Order No: E2060208
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other: ☐

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST												Preservative Codes					
Project Number:		1080		☐ Routine ☒ Rush														None: NO DI Water: H ₂ O					
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me			
Sampler's Name:		CM																HCL: HC HNO ₃ : HN					
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP	
Received Intact:		Yes No		Thermometer ID:														NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A		Temperature Reading:														Zn Acetate+NaOH: Zn					
Total Containers:				Corrected Temperature:														NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-51 (3')		6/23/2022		X		C	1	X	X	X													
CS-52 (3')		6/23/2022		X		C	1	X	X	X													
CS-53 (3')		6/23/2022		X		C	1	X	X	X													
CS-54 (3')		6/23/2022		X		C	1	X	X	X													
CS-55 (3')		6/23/2022		X		C	1	X	X	X													
CS-56 (3')		6/23/2022		X		C	1	X	X	X													
CS-57 (3')		6/23/2022		X		C	1	X	X	X													
CS-58 (3')		6/23/2022		X		C	1	X	X	X													
CS-59 (3')		6/23/2022		X		C	1	X	X	X													
CS-60 (3')		6/23/2022		X		C	1	X	X	X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22				6/29/22 6:45	

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:28:23PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:45	Work Order ID:	E206208
Phone:	(432) 813-6823	Date Logged In:	06/28/22 16:54	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

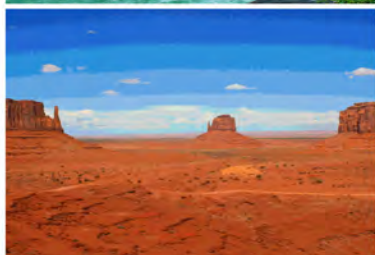
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206209

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/1/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206209
Date Received: 6/29/2022 6:50:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:50:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/01/22 13:25
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-61 (3')	E206209-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-62 (3')	E206209-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-63 (3')	E206209-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-64 (3')	E206209-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-65 (3')	E206209-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-66 (3')	E206209-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-67 (3')	E206209-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-68 (3')	E206209-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-69 (3')	E206209-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-70 (3')	E206209-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-71 (3')	E206209-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-72 (3')	E206209-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-73 (3')	E206209-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-74 (3')	E206209-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-75 (3')	E206209-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-76 (3')	E206209-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-77 (3')	E206209-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-78 (3')	E206209-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-79 (3')	E206209-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-80 (3')	E206209-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:25:36PM
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CS-61 (3')

E206209-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227068	
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227068	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227058	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227073	
Chloride	203	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-62 (3')

E206209-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	181	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-63 (3')

E206209-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	114	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-64 (3')

E206209-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	123	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-65 (3')

E206209-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	56.0	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-66 (3')

E206209-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	204	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-67 (3')

E206209-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	183	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-68 (3')

E206209-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	165	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-69 (3')

E206209-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	74.8	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-70 (3')

E206209-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	154	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-71 (3')

E206209-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	174	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-72 (3')

E206209-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	96.3 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	182	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-73 (3')

E206209-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	155	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-74 (3')

E206209-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	23.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-75 (3')

E206209-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	131 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	129	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-76 (3')

E206209-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	254	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-77 (3')

E206209-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	277	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-78 (3')

E206209-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	113	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-79 (3')

E206209-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	206	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-80 (3')

E206209-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	26.7	20.0	1	06/29/22	06/29/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:25:36PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227068-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.2	70-130			

LCS (2227068-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	5.47	0.0250	5.00		109	70-130			
Ethylbenzene	4.84	0.0250	5.00		96.7	70-130			
Toluene	5.16	0.0250	5.00		103	70-130			
o-Xylene	5.01	0.0250	5.00		100	70-130			
p,m-Xylene	9.96	0.0500	10.0		99.6	70-130			
Total Xylenes	15.0	0.0250	15.0		99.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.2	70-130			

LCS Dup (2227068-BSD1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	5.52	0.0250	5.00		110	70-130	0.984	20	
Ethylbenzene	4.89	0.0250	5.00		97.7	70-130	1.00	20	
Toluene	5.22	0.0250	5.00		104	70-130	1.07	20	
o-Xylene	5.06	0.0250	5.00		101	70-130	1.00	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	0.953	20	
Total Xylenes	15.1	0.0250	15.0		101	70-130	0.969	20	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:25:36PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227068-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.3	70-130			

LCS (2227068-BS2)

Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	52.1	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			

LCS Dup (2227068-BSD2)

Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	50.4	20.0	50.0		101	70-130	3.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:25:36PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227058-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.5		50.0		117	50-200			

LCS (2227058-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	572	25.0	500		114	38-132			
Surrogate: n-Nonane	55.7		50.0		111	50-200			

Matrix Spike (2227058-MS1)

Source: E206209-17

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	521	25.0	500	ND	104	38-132			
Surrogate: n-Nonane	55.1		50.0		110	50-200			

Matrix Spike Dup (2227058-MSD1)

Source: E206209-17

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	524	25.0	500	ND	105	38-132	0.443	20	
Surrogate: n-Nonane	54.6		50.0		109	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 1:25:36PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227073-BLK1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	ND	20.0							
LCS (2227073-BS1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	249	20.0	250		99.5	90-110			
LCS Dup (2227073-BSD1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	248	20.0	250		99.3	90-110	0.209	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/01/22 13:25

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E206209
 Job # 22010-0001

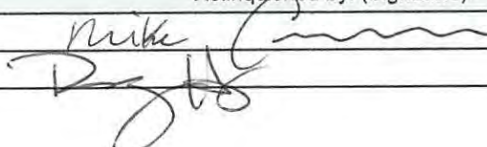
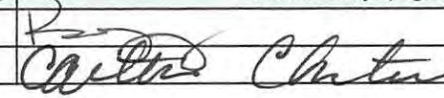
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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ R ☐ Su ☐ rfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ T ☐ P ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-61 (3')		6/23/2022				X				C		1		X X X													
CS-62 (3')		6/23/2022				X				C		1		X X X													
CS-63 (3')		6/23/2022				X				C		1		X X X													
CS-64 (3')		6/23/2022				X				C		1		X X X													
CS-65 (3')		6/23/2022				X				C		1		X X X													
CS-66 (3')		6/23/2022				X				C		1		X X X													
CS-67 (3')		6/23/2022				X				C		1		X X X													
CS-68 (3')		6/23/2022				X				C		1		X X X													
CS-69 (3')		6/23/2022				X				C		1		X X X													
CS-70 (3')		6/23/2022				X				C		1		X X X													

--	--	--	--

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22				6/29/22 10:50	

Chain of Custody

Work Order No: E206209
Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hqaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ C ☐ S ☐ erfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes								
Project Number:		1080		☐ Routine ☒ Rush																			None: NO DI Water: H ₂ O								
Project Location		Eddy Co, NM		Due Date:		24HRS																		Cool: Cool MeOH: Me							
Sampler's Name:		CM																						HCL: HC HNO ₃ : HN							
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No																		H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																				NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4																		Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
CS-71 (3')		6/23/2022				X				C		1		X X X																	
CS-72 (3')		6/23/2022				X				C		1		X X X																	
CS-73 (3')		6/23/2022				X				C		1		X X X																	
CS-74 (3')		6/23/2022				X				C		1		X X X																	
CS-75 (3')		6/23/2022				X				C		1		X X X																	
CS-76 (3')		6/23/2022				X				C		1		X X X																	
CS-77 (3')		6/23/2022				X				C		1		X X X																	
CS-78 (3')		6/23/2022				X				C		1		X X X																	
CS-79 (3')		6/23/2022				X				C		1		X X X																	
CS-80 (3')		6/23/2022				X				C		1		X X X																	

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
Mike [Signature]		6-28-22		Caitlin Chuter		6-28-22	
[Signature]		6-28-22				6/29/22 6:51	

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:31:49PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:50	Work Order ID:	E206209
Phone:	(432) 813-6823	Date Logged In:	06/28/22 16:56	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

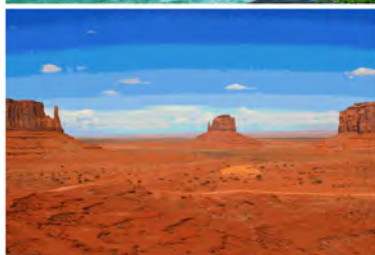
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206210

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/1/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206210
Date Received: 6/29/2022 6:50:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:50:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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labadmin@envirotech-inc.com

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Technical Representative/Client Services
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ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/01/22 17:34
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-81 (3')	E206210-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-82 (3')	E206210-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-83 (3')	E206210-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-84 (3')	E206210-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-85 (3')	E206210-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-86 (3')	E206210-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-87 (3')	E206210-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-88 (3')	E206210-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-89 (3')	E206210-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-90 (3')	E206210-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-91 (3')	E206210-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-92 (3')	E206210-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-93 (3')	E206210-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-94 (3')	E206210-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-95 (3')	E206210-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-96 (3')	E206210-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-97 (3')	E206210-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-98 (3')	E206210-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-99 (3')	E206210-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-100 (3')	E206210-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-81 (3')

E206210-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227069	
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2227057	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	132 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227074	
Chloride	129	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-82 (3')

E206210-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	231	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-83 (3')

E206210-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	135 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	108	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-84 (3')

E206210-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	134 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	113	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-85 (3')

E206210-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	94.3	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-86 (3')

E206210-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	130 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	255	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-87 (3')

E206210-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	128 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	307	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-88 (3')

E206210-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	132 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	150	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-89 (3')

E206210-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	137 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	182	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-90 (3')

E206210-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	130 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	236	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-91 (3')

E206210-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	146 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	172	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-92 (3')

E206210-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	134 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	198	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-93 (3')

E206210-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	132	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-94 (3')

E206210-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	132	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-95 (3')

E206210-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	111	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-96 (3')

E206210-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	111	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-97 (3')

E206210-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	34.4	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-98 (3')

E206210-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	132 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	207	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-99 (3')

E206210-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	138 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	ND	200	10	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-100 (3')

E206210-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	128 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	99.6	20.0	1	06/29/22	06/30/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:34:16PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227069-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.94		8.00		86.8	70-130			

LCS (2227069-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	5.51	0.0250	5.00		110	70-130			
Ethylbenzene	5.28	0.0250	5.00		106	70-130			
Toluene	5.72	0.0250	5.00		114	70-130			
o-Xylene	5.20	0.0250	5.00		104	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.90		8.00		86.3	70-130			

LCS Dup (2227069-BSD1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	5.52	0.0250	5.00		110	70-130	0.0898	20	
Ethylbenzene	5.26	0.0250	5.00		105	70-130	0.287	20	
Toluene	5.71	0.0250	5.00		114	70-130	0.235	20	
o-Xylene	5.23	0.0250	5.00		105	70-130	0.635	20	
p,m-Xylene	10.7	0.0500	10.0		107	70-130	0.0472	20	
Total Xylenes	15.9	0.0250	15.0		106	70-130	0.240	20	
Surrogate: 4-Bromochlorobenzene-PID	6.91		8.00		86.4	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:34:16PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227069-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			

LCS (2227069-BS2)

Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	39.9	20.0	50.0		79.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.38		8.00		79.8	70-130			

LCS Dup (2227069-BSD2)

Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	41.5	20.0	50.0		83.0	70-130	3.84	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.42		8.00		80.3	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:34:16PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227057-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	62.7		50.0		125	50-200			

LCS (2227057-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	548	25.0	500		110	38-132			
Surrogate: <i>n</i> -Nonane	57.4		50.0		115	50-200			

Matrix Spike (2227057-MS1)

Source: E206210-10

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	543	25.0	500	ND	109	38-132			
Surrogate: <i>n</i> -Nonane	38.4		50.0		76.9	50-200			

Matrix Spike Dup (2227057-MSD1)

Source: E206210-10

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	554	25.0	500	ND	111	38-132	2.00	20	
Surrogate: <i>n</i> -Nonane	71.5		50.0		143	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 5:34:16PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227074-BLK1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	ND	20.0							
LCS (2227074-BS1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	254	20.0	250		102	90-110			
LCS Dup (2227074-BSD1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	245	20.0	250		98.1	90-110	3.74	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/01/22 17:34

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

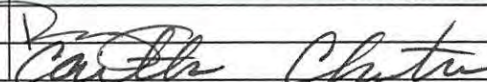
Work Order No: E206210
Job # 22010-0001Page 9 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☒ R ☐ C Su ☐ rfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ T ☐ RP ☐ vel IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST														Preservative Codes		
Project Number:	1080	☐ Routine ☒ Rush		Pres. Code															None: NO	DI Water: H ₂ O		
Project Location	Eddy Co, NM	Due Date:	24HRS	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0												Cool: Cool	MeOH: Me		
Sampler's Name:	CM																		HCL: HC	HNO ₃ : HN		
PO #:																			H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes No																Wet Ice:	☒ Yes ☐ No	H ₃ PO ₄ : HP	
Received Intact:	☒ Yes ☐ No	Thermometer ID:																	NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		Na ₂ S ₂ O ₃ : NaSO ₃																		
Sample Custody Seals:	Yes No N/A	Temperature Reading:	4	Zn Acetate+NaOH: Zn																		
Total Containers:		Corrected Temperature:		NaOH+Ascorbic Acid: SAPC																		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont															Sample Comments	
CS-81 (3')	6/23/2022		X		C	1	X	X	X													
CS-82 (3')	6/23/2022		X		C	1	X	X	X													
CS-83 (3')	6/23/2022		X		C	1	X	X	X													
CS-84 (3')	6/23/2022		X		C	1	X	X	X													
CS-85 (3')	6/23/2022		X		C	1	X	X	X													
CS-86 (3')	6/23/2022		X		C	1	X	X	X													
CS-87 (3')	6/23/2022		X		C	1	X	X	X													
CS-88 (3')	6/23/2022		X		C	1	X	X	X													
CS-89 (3')	6/23/2022		X		C	1	X	X	X													
CS-90 (3')	6/23/2022		X		C	1	X	X	X													

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6.28.22 6.28.22		6.28.22 6/29/22 6:51

Chain of Custody

Work Order No: E206210
 Job # 22010-0001

Page 10 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gaytan
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TR ☐ L ☐ el IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me			
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN			
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP	
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments			
								BTEX 8021B															
								TPH 8015M (GRO + DRO + MRO)															
								Chloride 300.0															
								HOLD															
11	CS-91 (3')	6/23/2022		X		C	1	X	X	X													
12	CS-92 (3')	6/23/2022		X		C	1	X	X	X													
13	CS-93 (3')	6/23/2022		X		C	1	X	X	X													
14	CS-94 (3')	6/23/2022		X		C	1	X	X	X													
15	CS-95 (3')	6/23/2022		X		C	1	X	X	X													
16	CS-96 (3')	6/23/2022		X		C	1	X	X	X													
17	CS-97 (3')	6/23/2022		X		C	1	X	X	X													
18	CS-98 (3')	6/23/2022		X		C	1	X	X	X													
19	CS-99 (3')	6/23/2022		X		C	1	X	X	X													
20	CS-100 (3')	6/23/2022		X		C	1	X	X	X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Mike</i>		6-28-22		<i>Chris</i>		6-28-22	
<i>Mike</i>		6-28-22		<i>Chris</i>		6/29/22 6:5	

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:35:32PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:50	Work Order ID:	E206210
Phone:	(432) 813-6823	Date Logged In:	06/28/22 16:58	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206211

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/1/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206211
Date Received: 6/29/2022 6:50:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:50:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/01/22 13:04
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-101 (3')	E206211-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-102 (3')	E206211-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-103 (3')	E206211-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-104 (3')	E206211-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-105 (3')	E206211-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-106 (3')	E206211-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-107 (3')	E206211-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-108 (3')	E206211-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-109 (3')	E206211-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-110 (3')	E206211-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-111 (3')	E206211-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-112 (3')	E206211-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-113 (3')	E206211-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-114 (3')	E206211-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-115 (3')	E206211-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-116 (3')	E206211-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-117 (3')	E206211-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-118 (3')	E206211-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-119 (3')	E206211-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-120 (3')	E206211-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:04:28PM
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CS-101 (3')

E206211-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	97.0 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	97.0 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	105 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	94.9	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-102 (3')

E206211-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	314	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-103 (3')

E206211-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.5 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.5 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	42.4	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	137 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	43.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-104 (3')

E206211-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	108 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	135	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-105 (3')

E206211-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	103 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	91.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-106 (3')

E206211-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	93.7 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	102	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-107 (3')

E206211-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	119 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	38.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-108 (3')

E206211-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.6 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.6 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	108 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-109 (3')

E206211-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	87.7	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-110 (3')

E206211-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	119 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	106	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-111 (3')

E206211-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	96.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	96.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	113 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	111	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-112 (3')

E206211-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	96.7 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	27.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-113 (3')

E206211-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	140	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-114 (3')

E206211-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	92.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	92.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-115 (3')

E206211-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	96.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	96.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	31.2	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-116 (3')

E206211-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-117 (3')

E206211-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	104	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-118 (3')

E206211-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	115 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-119 (3')

E206211-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	121 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-120 (3')

E206211-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	ND	20.0	1	06/29/22	06/30/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:04:28PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227070-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.474		0.500		94.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.528		0.500		106	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.2	70-130			

LCS (2227070-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	2.45	0.0250	2.50		97.9	70-130			
Ethylbenzene	2.40	0.0250	2.50		96.0	70-130			
Toluene	2.38	0.0250	2.50		95.0	70-130			
o-Xylene	2.48	0.0250	2.50		99.1	70-130			
p,m-Xylene	4.89	0.0500	5.00		97.8	70-130			
Total Xylenes	7.37	0.0250	7.50		98.3	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS Dup (2227070-BSD1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	2.41	0.0250	2.50		96.6	70-130	1.40	23	
Ethylbenzene	2.42	0.0250	2.50		96.8	70-130	0.768	27	
Toluene	2.39	0.0250	2.50		95.7	70-130	0.692	24	
o-Xylene	2.49	0.0250	2.50		99.8	70-130	0.664	27	
p,m-Xylene	4.90	0.0500	5.00		98.1	70-130	0.255	27	
Total Xylenes	7.40	0.0250	7.50		98.6	70-130	0.393	27	
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:04:28PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227070-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.474		0.500		94.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.528		0.500		106	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.2	70-130			

LCS (2227070-BS2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.3	70-130			
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.1	70-130			

LCS Dup (2227070-BSD2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.3	70-130	1.10	20	
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:04:28PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227091-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	59.7		50.0		119	50-200			

LCS (2227091-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	588	25.0	500		118	38-132			
Surrogate: <i>n</i> -Nonane	59.6		50.0		119	50-200			

Matrix Spike (2227091-MS1)

Source: E206211-07

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	567	25.0	500	ND	113	38-132			
Surrogate: <i>n</i> -Nonane	55.9		50.0		112	50-200			

Matrix Spike Dup (2227091-MSD1)

Source: E206211-07

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	509	25.0	500	ND	102	38-132	10.9	20	
Surrogate: <i>n</i> -Nonane	53.2		50.0		106	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 1:04:28PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227086-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Chloride	ND	20.0							
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LCS (2227086-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Chloride	248	20.0	250		99.2	90-110			
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LCS Dup (2227086-BSD1)

Prepared: 06/29/22 Analyzed: 06/30/22

Chloride	256	20.0	250		102	90-110	3.15	20	
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QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/01/22 13:04

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E206211
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST										Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code												None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS												Cool: Cool MeOH: Me							
Sampler's Name:		CM																HCL: HC HNO ₃ : HN							
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No												H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4												Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-101 (3')		6/23/2022				X				C		1		X X X											
CS-102 (3')		6/23/2022				X				C		1		X X X											
CS-103 (3')		6/23/2022				X				C		1		X X X											
CS-104 (3')		6/23/2022				X				C		1		X X X											
CS-105 (3')		6/23/2022				X				C		1		X X X											
CS-106 (3')		6/23/2022				X				C		1		X X X											
CS-107 (3')		6/23/2022				X				C		1		X X X											
CS-108 (3')		6/23/2022				X				C		1		X X X											
CS-109 (3')		6/23/2022				X				C		1		X X X											
CS-110 (3')		6/23/2022				X				C		1		X X X											

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Mila</i>	6-28-22	<i>Heriberto Gayton</i>	6-28-22
<i>Reg</i>	6-28-22	<i>Carmona Resources</i>	6/28/22 6:5

Chain of Custody

Work Order No: E206211
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Le ☐ I IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST										Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code												None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS												Cool: Cool MeOH: Me							
Sampler's Name:		CM																HCL: HC HNO ₃ : HN							
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No												H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4												Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-111 (3')		6/23/2022				X				C		1		X X X											
CS-112 (3')		6/23/2022				X				C		1		X X X											
CS-113 (3')		6/23/2022				X				C		1		X X X											
CS-114 (3')		6/23/2022				X				C		1		X X X											
CS-115 (3')		6/23/2022				X				C		1		X X X											
CS-116 (3')		6/23/2022				X				C		1		X X X											
CS-117 (3')		6/23/2022				X				C		1		X X X											
CS-118 (3')		6/23/2022				X				C		1		X X X											
CS-119 (3')		6/23/2022				X				C		1		X X X											
CS-120 (3')		6/23/2022				X				C		1		X X X											

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Mike Conner</i>		6.28.22		<i>Carla Chater</i>		6.28.22	
<i>Prigo</i>		6.28.22				6/29/22 6:50	

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:39:02PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:50	Work Order ID:	E206211
Phone:	(432) 813-6823	Date Logged In:	06/29/22 06:52	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206212

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/1/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206212
Date Received: 6/29/2022 6:55:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:55:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/01/22 16:33
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-121 (3')	E206212-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-122 (3')	E206212-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-123 (3')	E206212-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-124 (3')	E206212-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-125 (3')	E206212-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-126 (3')	E206212-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-127 (3')	E206212-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-128 (3')	E206212-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-129 (3')	E206212-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-130 (3')	E206212-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-131 (3')	E206212-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-132 (3')	E206212-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-133 (3')	E206212-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-134 (3')	E206212-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-135 (3')	E206212-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-136 (3')	E206212-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-137 (3')	E206212-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-138 (3')	E206212-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-139 (3')	E206212-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-140 (3')	E206212-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 4:33:18PM
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CS-121 (3')

E206212-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227071	
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227092	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>	108 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227087	
Chloride	75.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-122 (3')

E206212-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	26.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-123 (3')

E206212-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	80.5 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	81.9	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-124 (3')

E206212-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	26.2	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-125 (3')

E206212-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	24.9	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-126 (3')

E206212-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	25.3	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-127 (3')

E206212-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227071	
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227092	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>	111 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227087	
Chloride	88.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-128 (3')

E206212-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	82.9	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-129 (3')

E206212-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227071	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227092	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>	101 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227087	
Chloride	101	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-130 (3')

E206212-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-131 (3')

E206212-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	20.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-132 (3')

E206212-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227071	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>94.6 %</i>	<i>70-130</i>		<i>06/29/22</i>	<i>07/01/22</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>90.9 %</i>	<i>70-130</i>		<i>06/29/22</i>	<i>07/01/22</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227092	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>	<i>106 %</i>	<i>50-200</i>		<i>06/29/22</i>	<i>06/30/22</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227087	
Chloride	88.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-133 (3')

E206212-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	88.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-134 (3')

E206212-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	24.2	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-135 (3')

E206212-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	21.4	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-136 (3')

E206212-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-137 (3')

E206212-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227071	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227092	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>	114 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227087	
Chloride	69.5	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-138 (3')

E206212-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	26.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-139 (3')

E206212-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-140 (3')

E206212-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	ND	20.0	1	06/29/22	06/30/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 4:33:18PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227071-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.3	70-130			

LCS (2227071-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	5.47	0.0250	5.00		109	70-130			
Ethylbenzene	4.82	0.0250	5.00		96.5	70-130			
Toluene	5.15	0.0250	5.00		103	70-130			
o-Xylene	5.02	0.0250	5.00		100	70-130			
p,m-Xylene	9.91	0.0500	10.0		99.1	70-130			
Total Xylenes	14.9	0.0250	15.0		99.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.4	70-130			

LCS Dup (2227071-BSD1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	5.39	0.0250	5.00		108	70-130	1.42	20	
Ethylbenzene	4.76	0.0250	5.00		95.2	70-130	1.34	20	
Toluene	5.09	0.0250	5.00		102	70-130	1.22	20	
o-Xylene	4.96	0.0250	5.00		99.2	70-130	1.14	20	
p,m-Xylene	9.78	0.0500	10.0		97.8	70-130	1.33	20	
Total Xylenes	14.7	0.0250	15.0		98.3	70-130	1.26	20	
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 4:33:18PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227071-BLK1) Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			

LCS (2227071-BS2) Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

LCS Dup (2227071-BSD2) Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		98.1	70-130	3.44	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 4:33:18PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227092-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.3		50.0		113	50-200			

LCS (2227092-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	615	25.0	500		123	38-132			
Surrogate: n-Nonane	56.1		50.0		112	50-200			

Matrix Spike (2227092-MS1)

Source: E206212-08

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	558	25.0	500	ND	112	38-132			
Surrogate: n-Nonane	57.4		50.0		115	50-200			

Matrix Spike Dup (2227092-MSD1)

Source: E206212-08

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	505	25.0	500	ND	101	38-132	9.91	20	
Surrogate: n-Nonane	49.7		50.0		99.5	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 4:33:18PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227087-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Chloride	ND	20.0							
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LCS (2227087-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Chloride	253	20.0	250		101	90-110			
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LCS Dup (2227087-BSD1)

Prepared: 06/29/22 Analyzed: 07/01/22

Chloride	253	20.0	250		101	90-110	0.0827	20	
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QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/01/22 16:33

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E206212
Job # 22010-0001Page 13 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hqaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST TRRF ☐ Lev IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes								
Project Number:		1080		☐ Routine ☒ Rush			Parameters	HOLD																None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date: 24HRS																				Cool: Cool MeOH: Me							
Sampler's Name:		CM																						HCL: HC HNO ₃ : HN							
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice: <u>Yes</u> No																									
Received Intact:		<u>Yes</u> No		Thermometer ID:																						NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A		Correction Factor:																						Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A		Temperature Reading: <u>4</u>																						Zn Acetate+NaOH: Zn					
Total Containers:				Corrected Temperature:																						NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
CS-121 (3')		6/23/2022				X				C		1		X X X																	
CS-122 (3')		6/23/2022				X				C		1		X X X																	
CS-123 (3')		6/23/2022				X				C		1		X X X																	
CS-124 (3')		6/23/2022				X				C		1		X X X																	
CS-125 (3')		6/23/2022				X				C		1		X X X																	
CS-126 (3')		6/23/2022				X				C		1		X X X																	
CS-127 (3')		6/23/2022				X				C		1		X X X																	
CS-128 (3')		6/23/2022				X				C		1		X X X																	
CS-129 (3')		6/23/2022				X				C		1		X X X																	
CS-130 (3')		6/23/2022				X				C		1		X X X																	

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	
<u>Mike C...</u>				6-28-22		<u>Chitra</u>				6-28-22	
<u>Chitra</u>				6-28-22		<u>Chitra</u>				6-28-22 6:55	

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Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RRC ☐ Superfund
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	TRRP ☐ Level IV
Deliverables: EDD	☐ ADaPT	Other:	

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Envirotech Analytical Laboratory

Printed: 6/29/2022 12:42:32PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:55	Work Order ID:	E206212
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:03	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206213

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/1/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206213
Date Received: 6/29/2022 6:55:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:55:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/01/22 17:14
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-141 (3')	E206213-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-142 (3')	E206213-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-143 (3')	E206213-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-144 (3')	E206213-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-145 (3')	E206213-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-146 (3')	E206213-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-147 (3')	E206213-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-148 (3')	E206213-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-149 (5' - 5.5')	E206213-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-150 (5' - 5.5')	E206213-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-151 (5' - 5.5')	E206213-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-152 (5' - 5.5')	E206213-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-153 (5' - 5.5')	E206213-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-154 (5' - 5.5')	E206213-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-155 (5' - 5.5')	E206213-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-156 (5' - 5.5')	E206213-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-157 (5' - 5.5')	E206213-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-158 (5' - 5.5')	E206213-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-159 (5' - 5.5')	E206213-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-160 (5' - 5.5')	E206213-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:14:52PM
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CS-141 (3')

E206213-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	106 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	25.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-142 (3')

E206213-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	114 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	20.4	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-143 (3')

E206213-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	106 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	31.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-144 (3')

E206213-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	31.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-145 (3')

E206213-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	121 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	27.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-146 (3')

E206213-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	101 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	41.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-147 (3')

E206213-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-148 (3')

E206213-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-149 (5' - 5.5')

E206213-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	129 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	37.7	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-150 (5' - 5.5')

E206213-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	118 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	37.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-151 (5' - 5.5')

E206213-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-152 (5' - 5.5')

E206213-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	113 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	47.0	40.0	2	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-153 (5' - 5.5')

E206213-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	49.3	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-154 (5' - 5.5')

E206213-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	147	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-155 (5' - 5.5')

E206213-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	96.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	96.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	105 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	62.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-156 (5' - 5.5')

E206213-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	95.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	95.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	68.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-157 (5' - 5.5')

E206213-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	120 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	79.9	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-158 (5' - 5.5')

E206213-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	35.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-159 (5' - 5.5')

E206213-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	120 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	348	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-160 (5' - 5.5')

E206213-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	26.9	20.0	1	06/29/22	06/30/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:14:52PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227072-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.466		0.500		93.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.538		0.500		108	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.6	70-130			

LCS (2227072-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	2.30	0.0250	2.50		91.9	70-130			
Ethylbenzene	2.35	0.0250	2.50		94.0	70-130			
Toluene	2.30	0.0250	2.50		92.1	70-130			
o-Xylene	2.46	0.0250	2.50		98.2	70-130			
p,m-Xylene	4.77	0.0500	5.00		95.4	70-130			
Total Xylenes	7.22	0.0250	7.50		96.3	70-130			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			

LCS Dup (2227072-BSD1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	2.26	0.0250	2.50		90.5	70-130	1.60	23	
Ethylbenzene	2.33	0.0250	2.50		93.0	70-130	1.05	27	
Toluene	2.28	0.0250	2.50		91.2	70-130	0.939	24	
o-Xylene	2.42	0.0250	2.50		96.7	70-130	1.56	27	
p,m-Xylene	4.73	0.0500	5.00		94.6	70-130	0.853	27	
Total Xylenes	7.15	0.0250	7.50		95.3	70-130	1.09	27	
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:14:52PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227072-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.466		0.500		93.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.538		0.500		108	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.6	70-130			

LCS (2227072-BS2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.0	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

LCS Dup (2227072-BSD2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.9	70-130	4.65	20	
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:14:52PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227093-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.1		50.0		110	50-200			

LCS (2227093-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	639	25.0	500		128	38-132			
Surrogate: n-Nonane	61.0		50.0		122	50-200			

Matrix Spike (2227093-MS1)

Source: E206213-04

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	589	25.0	500	ND	118	38-132			
Surrogate: n-Nonane	48.8		50.0		97.6	50-200			

Matrix Spike Dup (2227093-MSD1)

Source: E206213-04

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	584	25.0	500	ND	117	38-132	0.828	20	
Surrogate: n-Nonane	51.7		50.0		103	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 5:14:52PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227088-BLK1)					Prepared: 06/29/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227088-BS1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2227088-BSD1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	251	20.0	250		101	90-110	0.490	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/01/22 17:14

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E206213Job # 22010-0001Page 15 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RF ☐ Sup ☐ fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TR ☐ Lel IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-141 (3')		6/23/2022				X				C		1		X X X													
CS-142 (3')		6/23/2022				X				C		1		X X X													
CS-143 (3')		6/23/2022				X				C		1		X X X													
CS-144 (3')		6/23/2022				X				C		1		X X X													
CS-145 (3')		6/23/2022				X				C		1		X X X													
CS-146 (3')		6/23/2022				X				C		1		X X X													
CS-147 (3')		6/23/2022				X				C		1		X X X													
CS-148 (3')		6/23/2022				X				C		1		X X X													
CS-149 (5'-5.5')		6/23/2022				X				C		1		X X X													
CS-150 (5'-5.5')		6/23/2022				X				C		1		X X X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
Mike		6-28-22		Carter		6-28-22	
Rz		6-28-22		Carter		6/29/22 6:5	

Chain of Custody

Work Order No: E200213
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRD ☐ Supe ☐ Ind ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Le ☐ IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST										Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code												None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS												Cool: Cool MeOH: Me							
Sampler's Name:		CM																HCL: HC HNO ₃ : HN							
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No												H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4												Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-151 (5'-5.5')		6/23/2022				X				C		1		X X X											
CS-152 (5'-5.5')		6/23/2022				X				C		1		X X X											
CS-153 (5'-5.5')		6/23/2022				X				C		1		X X X											
CS-154 (5'-5.5')		6/23/2022				X				C		1		X X X											
CS-155 (5'-5.5')		6/23/2022				X				C		1		X X X											
CS-156 (5'-5.5')		6/23/2022				X				C		1		X X X											
CS-157 (5'-5.5')		6/23/2022				X				C		1		X X X											
CS-158 (5'-5.5')		6/23/2022				X				C		1		X X X											
CS-159 (5'-5.5')		6/23/2022				X				C		1		X X X											
CS-160 (5'-5.5')		6/23/2022				X				C		1		X X X											

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Mike</i>		6.28.22		<i>Carla</i>		6.28.22	
<i>PJ</i>		6.28.22		<i>Carla</i>		6/29/22 6:55	

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:45:27PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:55	Work Order ID:	E206213
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:03	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206214

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/5/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206214
Date Received: 6/29/2022 6:55:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:55:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/05/22 15:25
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-161 (5' - 5.5')	E206214-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-162 (5' - 5.5')	E206214-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-163 (5' - 5.5')	E206214-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-164 (5' - 5.5')	E206214-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-165 (5' - 5.5')	E206214-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-166 (5' - 5.5')	E206214-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-167 (5' - 5.5')	E206214-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-168 (5' - 5.5')	E206214-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-169 (5' - 5.5')	E206214-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-170 (5' - 5.5')	E206214-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-171 (5' - 5.5')	E206214-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-172 (10')	E206214-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-173 (10')	E206214-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-174 (10')	E206214-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-175 (10')	E206214-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-176 (10')	E206214-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-177 (10')	E206214-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-178 (10')	E206214-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-179 (2')	E206214-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-180 (2')	E206214-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 3:25:31PM
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CS-161 (5' - 5.5')

E206214-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227075	
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: 4-Bromochlorobenzene-PID	83.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	79.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227094	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227089	
Chloride	34.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-162 (5' - 5.5')

E206214-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	58.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-163 (5' - 5.5')

E206214-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	676	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-164 (5' - 5.5')

E206214-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	22.4	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-165 (5' - 5.5')

E206214-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-166 (5' - 5.5')

E206214-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	266	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-167 (5' - 5.5')

E206214-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	56.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-168 (5' - 5.5')

E206214-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-169 (5' - 5.5')

E206214-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	287	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-170 (5' - 5.5')

E206214-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	59.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-171 (5' - 5.5')

E206214-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	95.3	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-172 (10')

E206214-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	55.9	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-173 (10')

E206214-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	99.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-174 (10')

E206214-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	48.2	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-175 (10')

E206214-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	139	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-176 (10')

E206214-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-177 (10')

E206214-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	41.7	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-178 (10')

E206214-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	76.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	125	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-179 (2')

E206214-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	253	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-180 (2')

E206214-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	40.9	20.0	1	06/29/22	06/30/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 3:25:31PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227075-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.55		8.00		81.9	70-130			

LCS (2227075-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	5.92	0.0250	5.00		118	70-130			
Ethylbenzene	5.58	0.0250	5.00		112	70-130			
Toluene	6.11	0.0250	5.00		122	70-130			
o-Xylene	5.47	0.0250	5.00		109	70-130			
p,m-Xylene	11.2	0.0500	10.0		112	70-130			
Total Xylenes	16.7	0.0250	15.0		111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.57		8.00		82.1	70-130			

LCS Dup (2227075-BSD1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	6.09	0.0250	5.00		122	70-130	2.84	20	
Ethylbenzene	5.78	0.0250	5.00		116	70-130	3.41	20	
Toluene	6.28	0.0250	5.00		126	70-130	2.81	20	
o-Xylene	5.65	0.0250	5.00		113	70-130	3.25	20	
p,m-Xylene	11.6	0.0500	10.0		116	70-130	3.43	20	
Total Xylenes	17.3	0.0250	15.0		115	70-130	3.37	20	
Surrogate: 4-Bromochlorobenzene-PID	6.61		8.00		82.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 3:25:31PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227075-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.23		8.00		77.9	70-130			

LCS (2227075-BS2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	40.3	20.0	50.0		80.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.24		8.00		78.0	70-130			

LCS Dup (2227075-BSD2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	39.1	20.0	50.0		78.2	70-130	2.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.30		8.00		78.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 3:25:31PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227094-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	58.2		50.0		116	50-200			

LCS (2227094-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	526	25.0	500		105	38-132			
Surrogate: <i>n</i> -Nonane	58.2		50.0		116	50-200			

Matrix Spike (2227094-MS1)

Source: E206214-07

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	498	25.0	500	ND	99.7	38-132			
Surrogate: <i>n</i> -Nonane	60.9		50.0		122	50-200			

Matrix Spike Dup (2227094-MSD1)

Source: E206214-07

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	507	25.0	500	ND	101	38-132	1.66	20	
Surrogate: <i>n</i> -Nonane	59.2		50.0		118	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 3:25:31PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227089-BLK1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	ND	20.0							
LCS (2227089-BS1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	255	20.0	250		102	90-110			
LCS Dup (2227089-BSD1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	258	20.0	250		103	90-110	1.37	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/05/22 15:25

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E206214
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ Fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRF ☐ L ☐ BI IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST										Preservative Codes				
Project Number:	1080	☐ Routine ☒ Rush		Pres. Code												None: NO	DI Water: H ₂ O			
Project Location	Eddy Co, NM	Due Date:	24HRS	Parameters	BTEx 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0									HOLD	Cool: Cool	MeOH: Me		
Sampler's Name:	CM																HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes No														Wet Ice:	☒ Yes ☐ No	H ₃ PO ₄ : HP	
Received Intact:	☒ Yes ☐ No	Thermometer ID:																	NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃														
Sample Custody Seals:	Yes No N/A	Temperature Reading:		4		Zn Acetate+NaOH: Zn														
Total Containers:		Corrected Temperature:				NaOH+Ascorbic Acid: SAPC														
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
CS-161 (5'-5.5')	6/23/2022		X		C	1	X	X	X											
CS-162 (5'-5.5')	6/23/2022		X		C	1	X	X	X											
CS-163 (5'-5.5')	6/23/2022		X		C	1	X	X	X											
CS-164 (5'-5.5')	6/23/2022		X		C	1	X	X	X											
CS-165 (5'-5.5')	6/23/2022		X		C	1	X	X	X											
CS-166 (5'-5.5')	6/23/2022		X		C	1	X	X	X											
CS-167 (5'-5.5')	6/23/2022		X		C	1	X	X	X											
CS-168 (5'-5.5')	6/23/2022		X		C	1	X	X	X											
CS-169 (5'-5.5')	6/23/2022		X		C	1	X	X	X											
CS-170 (5'-5.5')	6/23/2022		X		C	1	X	X	X											

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Mike Conner</i>		6-28-22		<i>Carla Chute</i>		6-28-22	
<i>Ray</i>		6-28-22				6/29/22 6:55	

Chain of Custody

Work Order No: E206214
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST TRRP ☐ Level ☒	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes												
Project Number:	1080	☐ Routine ☒ Rush		Pres. Code														None: NO	DI Water: H ₂ O													
Project Location	Eddy Co, NM	Due Date:	24HRS	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0											Cool: Cool	MeOH: Me													
Sampler's Name:	CM																	HCL: HC	HNO ₃ : HN													
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na													
SAMPLE RECEIPT		Temp Blank:	Yes No															Wet Ice:	☒ Yes ☐ No												H ₃ PO ₄ : HP	
Received Intact:	☒ Yes ☐ No	Thermometer ID:																													NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃															
Sample Custody Seals:	Yes No N/A	Temperature Reading:	4														Zn Acetate+NaOH: Zn															
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC															
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments													
CS-171 (5'-5.5')	6/23/2022		X		C	1	X	X	X																							
CS-172 (10')	6/23/2022		X		C	1	X	X	X																							
CS-173 (10')	6/23/2022		X		C	1	X	X	X																							
CS-174 (10')	6/23/2022		X		C	1	X	X	X																							
CS-175 (10')	6/23/2022		X		C	1	X	X	X																							
CS-176 (10')	6/23/2022		X		C	1	X	X	X																							
CS-177 (10')	6/23/2022		X		C	1	X	X	X																							
CS-178 (10')	6/23/2022		X		C	1	X	X	X																							
CS-179 (2')	6/23/2022		X		C	1	X	X	X																							
CS-180 (2')	6/23/2022		X		C	1	X	X	X																							

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Mike C...</i>		6-28-22		<i>Carla Chute</i>		6-28-22	
<i>...</i>		6-28-22				6/29/22 10:55	

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:49:03PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:55	Work Order ID:	E206214
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:03	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206215

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/1/22

Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701



Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206215
Date Received: 6/29/2022 7:00:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:00:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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Office: 505-632-1881
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/01/22 14:59
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-181 (4' - 4.5')	E206215-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-182 (4' - 4.5')	E206215-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-183 (4' - 4.5')	E206215-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-184 (4' - 4.5')	E206215-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-185 (4' - 4.5')	E206215-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-186 (4' - 4.5')	E206215-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-187 (4' - 4.5')	E206215-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-188 (4' - 4.5')	E206215-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-189 (4' - 4.5')	E206215-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-190 (4' - 4.5')	E206215-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-191 (4' - 4.5')	E206215-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-192 (4' - 4.5')	E206215-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-193 (4' - 4.5')	E206215-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-194 (4' - 4.5')	E206215-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-195 (4' - 4.5')	E206215-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-196 (4' - 4.5')	E206215-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-197 (4' - 4.5')	E206215-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-198 (4' - 4.5')	E206215-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-199 (4' - 4.5')	E206215-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-200 (4' - 4.5')	E206215-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 2:59:35PM
---	---	---------------------------------

CS-181 (4' - 4.5')

E206215-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	128 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	26.5	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-182 (4' - 4.5')

E206215-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	124 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	61.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-183 (4' - 4.5')

E206215-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	124 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	197	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-184 (4' - 4.5')

E206215-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	130 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	90.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-185 (4' - 4.5')

E206215-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	127 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	82.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-186 (4' - 4.5')

E206215-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	131 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	32.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-187 (4' - 4.5')

E206215-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	131 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	27.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-188 (4' - 4.5')

E206215-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	104 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	104 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	130 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	87.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-189 (4' - 4.5')

E206215-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	132 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	186	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-190 (4' - 4.5')

E206215-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	147 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	423	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-191 (4' - 4.5')

E206215-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	131 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	505	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-192 (4' - 4.5')

E206215-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	134 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	139	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-193 (4' - 4.5')

E206215-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	136 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	113	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-194 (4' - 4.5')

E206215-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	104 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	104 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	107	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-195 (4' - 4.5')

E206215-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	110 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	123	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-196 (4' - 4.5')

E206215-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	110 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	231	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-197 (4' - 4.5')

E206215-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	208	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-198 (4' - 4.5')

E206215-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	120	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-199 (4' - 4.5')

E206215-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	195	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-200 (4' - 4.5')

E206215-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene		100 %	70-130	06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	06/29/22	06/30/22	
Surrogate: Toluene-d8		103 %	70-130	06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene		100 %	70-130	06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	06/29/22	06/30/22	
Surrogate: Toluene-d8		103 %	70-130	06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane		111 %	50-200	06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	133	20.0	1	06/29/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 2:59:35PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227076-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS (2227076-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	2.42	0.0250	2.50		96.8	70-130			
Ethylbenzene	2.45	0.0250	2.50		98.1	70-130			
Toluene	2.37	0.0250	2.50		94.6	70-130			
o-Xylene	2.31	0.0250	2.50		92.3	70-130			
p,m-Xylene	4.60	0.0500	5.00		91.9	70-130			
Total Xylenes	6.90	0.0250	7.50		92.0	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

LCS Dup (2227076-BSD1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	2.49	0.0250	2.50		99.6	70-130	2.85	23	
Ethylbenzene	2.50	0.0250	2.50		100	70-130	2.00	27	
Toluene	2.41	0.0250	2.50		96.6	70-130	2.05	24	
o-Xylene	2.35	0.0250	2.50		94.2	70-130	2.04	27	
p,m-Xylene	4.68	0.0500	5.00		93.7	70-130	1.91	27	
Total Xylenes	7.04	0.0250	7.50		93.9	70-130	1.95	27	
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 2:59:35PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227076-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS (2227076-BS2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	59.7	20.0	50.0		119	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

LCS Dup (2227076-BSD2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	58.8	20.0	50.0		118	70-130	1.58	20	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 2:59:35PM
---	---	-------------------------------------

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227095-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.8		50.0		110	50-200			

LCS (2227095-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	462	25.0	500		92.5	38-132			
Surrogate: n-Nonane	53.6		50.0		107	50-200			

Matrix Spike (2227095-MS1)

Source: E206215-13

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	465	25.0	500	ND	93.1	38-132			
Surrogate: n-Nonane	52.7		50.0		105	50-200			

Matrix Spike Dup (2227095-MSD1)

Source: E206215-13

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	464	25.0	500	ND	92.8	38-132	0.323	20	
Surrogate: n-Nonane	54.5		50.0		109	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 2:59:35PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227090-BLK1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	ND	20.0							
LCS (2227090-BS1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	251	20.0	250		100	90-110			
LCS Dup (2227090-BSD1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	252	20.0	250		101	90-110	0.313	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/01/22 14:59

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E206215
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hqaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TR ☐ L ☐ el IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me			
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN			
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP	
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-181 (4'-4.5')		6/23/2022		X		C	1	X	X	X													
CS-182 (4'-4.5')		6/23/2022		X		C	1	X	X	X													
CS-183 (4'-4.5')		6/23/2022		X		C	1	X	X	X													
CS-184 (4'-4.5')		6/23/2022		X		C	1	X	X	X													
CS-185 (4'-4.5')		6/23/2022		X		C	1	X	X	X													
CS-186 (4'-4.5')		6/23/2022		X		C	1	X	X	X													
CS-187 (4'-4.5')		6/23/2022		X		C	1	X	X	X													
CS-188 (4'-4.5')		6/23/2022		X		C	1	X	X	X													
CS-189 (4'-4.5')		6/23/2022		X		C	1	X	X	X													
CS-190 (4'-4.5')		6/23/2022		X		C	1	X	X	X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Mike C...</i>		6-28-22		<i>...</i>		6-28-22	
<i>...</i>		6-28-22		<i>...</i>		6/29/22 7:00	

Chain of Custody

Work Order No: E206215
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hqaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST										Preservative Codes				
Project Number:	1080	☐ Routine ☒ Rush		Pres. Code																
Project Location	Eddy Co, NM	Due Date:	24HRS	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0													
Sampler's Name:	CM																			
PO #:																				
SAMPLE RECEIPT		Temp Blank:	Yes No																Wet Ice:	☒ Yes ☐ No
Received Intact:	☒ Yes ☐ No	Thermometer ID:																		
Cooler Custody Seals:	Yes No N/A	Correction Factor:																		
Sample Custody Seals:	Yes No N/A	Temperature Reading:	4																	
Total Containers:		Corrected Temperature:																		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont														
CS-191 (4'-4.5')	6/23/2022		X		C	1	X	X	X											
CS-192 (4'-4.5')	6/23/2022		X		C	1	X	X	X											
CS-193 (4'-4.5')	6/23/2022		X		C	1	X	X	X											
CS-194 (4'-4.5')	6/23/2022		X		C	1	X	X	X											
CS-195 (4'-4.5')	6/23/2022		X		C	1	X	X	X											
CS-196 (4'-4.5')	6/23/2022		X		C	1	X	X	X											
CS-197 (4'-4.5')	6/23/2022		X		C	1	X	X	X											
CS-198 (4'-4.5')	6/23/2022		X		C	1	X	X	X											
CS-199 (4'-4.5')	6/23/2022		X		C	1	X	X	X											
CS-200 (4'-4.5')	6/23/2022		X		C	1	X	X	X											

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Mike</i>		6.28.22		<i>Carla</i>		6.28.22	
<i>R-00</i>		6.28.22		<i>Carla</i>		6/29/22 7:00	

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:59:58PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:00	Work Order ID:	E206215
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:04	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

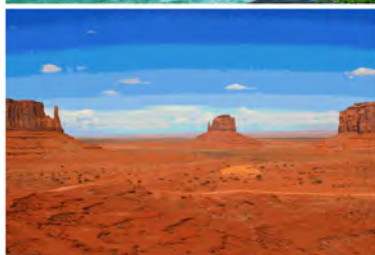
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206216

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/5/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206216
Date Received: 6/29/2022 7:00:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:00:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
07/05/22 13:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-201 (4' - 4.5')	E206216-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-202 (4' - 4.5')	E206216-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-203 (4' - 4.5')	E206216-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-204 (4' - 4.5')	E206216-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-205 (4' - 4.5')	E206216-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-206 (4' - 4.5')	E206216-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-207 (4' - 4.5')	E206216-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-208 (4' - 4.5')	E206216-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-209 (4' - 4.5')	E206216-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-210 (4' - 4.5')	E206216-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-211 (4' - 4.5')	E206216-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-212 (4' - 4.5')	E206216-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-213 (4' - 4.5')	E206216-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-214 (4' - 4.5')	E206216-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-215 (4' - 4.5')	E206216-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-216 (4' - 4.5')	E206216-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-217 (4' - 4.5')	E206216-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-218 (4' - 4.5')	E206216-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-219 (4' - 4.5')	E206216-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-220 (4' - 4.5')	E206216-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 1:54:59PM
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CS-201 (4' - 4.5')

E206216-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2227096	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227098	
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-202 (4' - 4.5')

E206216-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2227096	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2227098	
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-203 (4' - 4.5')

E206216-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	127	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-204 (4' - 4.5')

E206216-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	87.2	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-205 (4' - 4.5')

E206216-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2227096	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2227098	
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-206 (4' - 4.5')

E206216-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2227096	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2227098	
Chloride	30.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-207 (4' - 4.5')

E206216-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2227096	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2227098	
Chloride	44.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-208 (4' - 4.5')

E206216-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	20.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-209 (4' - 4.5')

E206216-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2227096	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2227098	
Chloride	85.7	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-210 (4' - 4.5')

E206216-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	99.3	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-211 (4' - 4.5')

E206216-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	152 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	20.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-212 (4' - 4.5')

E206216-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2227096	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2227098	
Chloride	26.6	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-213 (4' - 4.5')

E206216-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	20.8	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-214 (4' - 4.5')

E206216-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	49.5	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-215 (4' - 4.5')

E206216-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	ND	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-216 (4' - 4.5')

E206216-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	21.9	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-217 (4' - 4.5')

E206216-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	226	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-218 (4' - 4.5')

E206216-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2227096	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2227098	
Chloride	ND	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-219 (4' - 4.5')

E206216-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	485	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-220 (4' - 4.5')

E206216-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	ND	20.0	1	06/29/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 1:54:59PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227077-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

LCS (2227077-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	5.15	0.0250	5.00		103	70-130			
Ethylbenzene	4.55	0.0250	5.00		91.1	70-130			
Toluene	4.86	0.0250	5.00		97.1	70-130			
o-Xylene	4.72	0.0250	5.00		94.4	70-130			
p,m-Xylene	9.38	0.0500	10.0		93.8	70-130			
Total Xylenes	14.1	0.0250	15.0		94.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			

LCS Dup (2227077-BSD1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	5.33	0.0250	5.00		107	70-130	3.44	20	
Ethylbenzene	4.72	0.0250	5.00		94.4	70-130	3.63	20	
Toluene	5.04	0.0250	5.00		101	70-130	3.62	20	
o-Xylene	4.90	0.0250	5.00		98.0	70-130	3.76	20	
p,m-Xylene	9.72	0.0500	10.0		97.2	70-130	3.59	20	
Total Xylenes	14.6	0.0250	15.0		97.5	70-130	3.65	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 1:54:59PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227077-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			

LCS (2227077-BS2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			

LCS Dup (2227077-BSD2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0		96.7	70-130	4.95	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 1:54:59PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227096-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	56.2		50.0		112	50-200			

LCS (2227096-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	501	25.0	500		100	38-132			
Surrogate: <i>n</i> -Nonane	53.8		50.0		108	50-200			

Matrix Spike (2227096-MS1)

Source: E206216-05

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	494	25.0	500	ND	98.7	38-132			
Surrogate: <i>n</i> -Nonane	54.5		50.0		109	50-200			

Matrix Spike Dup (2227096-MSD1)

Source: E206216-05

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	502	25.0	500	ND	100	38-132	1.63	20	
Surrogate: <i>n</i> -Nonane	45.0		50.0		90.0	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 1:54:59PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227098-BLK1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	ND	20.0							
LCS (2227098-BS1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	242	20.0	250		96.9	90-110			
LCS Dup (2227098-BSD1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	247	20.0	250		99.0	90-110	2.09	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/05/22 13:54

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E20621/L0
 Job # 22010-0001

Page 21 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TR ☐ L ☐ el IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-201 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-202 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-203 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-204 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-205 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-206 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-207 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-208 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-209 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-210 (4'-4.5')		6/23/2022				X				C		1		X X X													

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6.28.22				6.28.22	
		6.28.22				6/29/22 7:00	

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Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	☐ JC Superfund
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	☐ T/RP Level IV
Deliverables: EDD	☐ ADaPT	Other:	

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Envirotech Analytical Laboratory

Printed: 6/29/2022 1:03:06PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:00	Work Order ID:	E206216
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:04	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206217

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/5/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206217
Date Received: 6/29/2022 7:05:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:05:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
07/05/22 17:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-221 (4' - 4.5')	E206217-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-222 (4' - 4.5')	E206217-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-223 (4' - 4.5')	E206217-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-224 (4' - 4.5')	E206217-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-225 (4' - 4.5')	E206217-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-226 (4' - 4.5')	E206217-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-227 (4' - 4.5')	E206217-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-228 (4' - 4.5')	E206217-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-229 (4' - 4.5')	E206217-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-230 (4' - 4.5')	E206217-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-231 (4' - 4.5')	E206217-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-232 (4' - 4.5')	E206217-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-233 (4' - 4.5')	E206217-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-234 (4' - 4.5')	E206217-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-235 (4' - 4.5')	E206217-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-236 (4' - 4.5')	E206217-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-237 (4' - 4.5')	E206217-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-238 (4' - 4.5')	E206217-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-239 (4' - 4.5')	E206217-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-240 (4' - 4.5')	E206217-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:13:47PM
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CS-221 (4' - 4.5')

E206217-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	465	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-222 (4' - 4.5')

E206217-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	22.5	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-223 (4' - 4.5')

E206217-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	798	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-224 (4' - 4.5')

E206217-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227078	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	93.9 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227078	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	93.9 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227097	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227099	
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-225 (4' - 4.5')

E206217-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	119 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	39.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-226 (4' - 4.5')

E206217-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	404	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-227 (4' - 4.5')

E206217-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	37.8	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-228 (4' - 4.5')

E206217-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	26.0	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-229 (4' - 4.5')

E206217-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	27.7	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-230 (4' - 4.5')

E206217-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	284	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-231 (4' - 4.5')

E206217-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	66.5	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-232 (4' - 4.5')

E206217-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	108 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	25.9	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-233 (4' - 4.5')

E206217-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	110 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	98.6	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-234 (4' - 4.5')

E206217-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	118 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	22.2	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-235 (4' - 4.5')

E206217-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	110 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	ND	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-236 (4' - 4.5')

E206217-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	28.6	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-237 (4' - 4.5')

E206217-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	123 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	296	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-238 (4' - 4.5')

E206217-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	131 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	66.8	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-239 (4' - 4.5')

E206217-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	102 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	ND	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-240 (4' - 4.5')

E206217-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	124 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	21.5	20.0	1	06/29/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:13:47PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227078-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2227078-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	2.60	0.0250	2.50		104	70-130			
Ethylbenzene	2.60	0.0250	2.50		104	70-130			
Toluene	2.52	0.0250	2.50		101	70-130			
o-Xylene	2.44	0.0250	2.50		97.4	70-130			
p,m-Xylene	4.89	0.0500	5.00		97.8	70-130			
Total Xylenes	7.33	0.0250	7.50		97.7	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS Dup (2227078-BSD1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	2.66	0.0250	2.50		106	70-130	2.22	23	
Ethylbenzene	2.64	0.0250	2.50		106	70-130	1.56	27	
Toluene	2.58	0.0250	2.50		103	70-130	2.04	24	
o-Xylene	2.48	0.0250	2.50		99.2	70-130	1.77	27	
p,m-Xylene	4.99	0.0500	5.00		99.8	70-130	2.03	27	
Total Xylenes	7.47	0.0250	7.50		99.6	70-130	1.95	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:13:47PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227078-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2227078-BS2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	58.0	20.0	50.0		116	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS Dup (2227078-BSD2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	63.4	20.0	50.0		127	70-130	8.81	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:13:47PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227097-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.5		50.0		113	50-200			

LCS (2227097-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	493	25.0	500		98.7	38-132			
Surrogate: n-Nonane	50.5		50.0		101	50-200			

Matrix Spike (2227097-MS1)

Source: E206217-03

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	524	25.0	500	ND	105	38-132			
Surrogate: n-Nonane	54.8		50.0		110	50-200			

Matrix Spike Dup (2227097-MSD1)

Source: E206217-03

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	509	25.0	500	ND	102	38-132	2.99	20	
Surrogate: n-Nonane	50.4		50.0		101	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 5:13:47PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227099-BLK1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	ND	20.0							
LCS (2227099-BS1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	248	20.0	250		99.4	90-110			
LCS Dup (2227099-BSD1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	251	20.0	250		100	90-110	0.934	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/05/22 17:13

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E206217
Job # 22010-0001Page 23 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields	RRC ☐ Superfund ☐
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST	TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐	Other:

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST												Preservative Codes					
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code												None: NO DI Water: H ₂ O					
Project Location:		Eddy Co, NM		Due Date:		24HRS		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0 HOLD												Cool: Cool MeOH: Me			
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN			
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:														☒ Yes ☐ No		H ₃ PO ₄ : HP	
Received Intact:		☒ Yes ☐ No		Thermometer ID:																		NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes No N/A		Correction Factor:						Na ₂ S ₂ O ₃ : NaSO ₃													
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4				Zn Acetate+NaOH: Zn													
Total Containers:				Corrected Temperature:						NaOH+Ascorbic Acid: SAPC													
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont		Sample Comments									
CS-221 (4'-4.5')		6/23/2022				X				C		1		X X X									
CS-222 (4'-4.5')		6/23/2022				X				C		1		X X X									
CS-223 (4'-4.5')		6/23/2022				X				C		1		X X X									
CS-224 (4'-4.5')		6/23/2022				X				C		1		X X X									
CS-225 (4'-4.5')		6/23/2022				X				C		1		X X X									
CS-226 (4'-4.5')		6/23/2022				X				C		1		X X X									
CS-227 (4'-4.5')		6/23/2022				X				C		1		X X X									
CS-228 (4'-4.5')		6/23/2022				X				C		1		X X X									
CS-229 (4'-4.5')		6/23/2022				X				C		1		X X X									
CS-230 (4'-4.5')		6/23/2022				X				C		1		X X X									

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	
				6.28.22						6.28.22	
				6.28.22						6/29/22 7:00	

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Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RRQ ☐ Superfund ☐
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	TRR ☐ Level IV ☐
Deliverables: EDD	☐	ADaPT ☐	Other:

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Envirotech Analytical Laboratory

Printed: 6/29/2022 1:07:33PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:05	Work Order ID:	E206217
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:04	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier:

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206218

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/5/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206218
Date Received: 6/29/2022 7:05:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:05:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/05/22 17:04
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-241 (4' - 4.5')	E206218-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-242 (4' - 4.5')	E206218-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-243 (4' - 4.5')	E206218-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-244 (4' - 4.5')	E206218-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-245 (4' - 4.5')	E206218-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-246 (4' - 4.5')	E206218-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-286 (5.5')	E206218-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-287 (5.5')	E206218-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-288 (5.5')	E206218-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-289 (5.5')	E206218-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-290 (5.5')	E206218-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-291 (5.5')	E206218-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-292 (5.5')	E206218-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-293 (5.5')	E206218-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-294 (5.5')	E206218-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-295 (5.5')	E206218-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-296 (5.5')	E206218-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-297 (5.5')	E206218-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-298 (5.5')	E206218-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-299 (5.5')	E206218-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:04:29PM
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CS-241 (4' - 4.5')

E206218-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227079	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: 4-Bromochlorobenzene-PID	83.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227079	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	79.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227105	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	90.3 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227108	
Chloride	52.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-242 (4' - 4.5')

E206218-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	93.9 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	131	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-243 (4' - 4.5')

E206218-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	94.8 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	273	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-244 (4' - 4.5')

E206218-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	89.3 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	66.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-245 (4' - 4.5')

E206218-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	94.0 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	298	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-246 (4' - 4.5')

E206218-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	94.1 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	127	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-286 (5.5')

E206218-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	98.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	36.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-287 (5.5')

E206218-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	99.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	32.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-288 (5.5')

E206218-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227079	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227079	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.2 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227105	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	95.1 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227108	
Chloride	36.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-289 (5.5')

E206218-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	81.2 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	35.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-290 (5.5')

E206218-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	76.8 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	31.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-291 (5.5')

E206218-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.1 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	98.8 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	29.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-292 (5.5')

E206218-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
<i>Surrogate: n-Nonane</i>						
	95.1 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	96.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-293 (5.5')

E206218-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	95.1 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	44.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-294 (5.5')

E206218-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	91.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	29.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-295 (5.5')

E206218-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	93.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	98.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-296 (5.5')

E206218-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	83.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	29.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-297 (5.5')

E206218-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	88.5 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	32.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-298 (5.5')

E206218-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	94.0 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	30.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-299 (5.5')

E206218-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	94.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	34.6	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:04:29PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227079-BLK1)

Prepared: 06/29/22 Analyzed: 07/02/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.88		8.00		86.1	70-130			

LCS (2227079-BS1)

Prepared: 06/29/22 Analyzed: 07/02/22

Benzene	5.78	0.0250	5.00		116	70-130			
Ethylbenzene	5.51	0.0250	5.00		110	70-130			
Toluene	5.98	0.0250	5.00		120	70-130			
o-Xylene	5.39	0.0250	5.00		108	70-130			
p,m-Xylene	11.1	0.0500	10.0		111	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.87		8.00		85.9	70-130			

LCS Dup (2227079-BSD1)

Prepared: 06/29/22 Analyzed: 07/02/22

Benzene	5.87	0.0250	5.00		117	70-130	1.65	20	
Ethylbenzene	5.63	0.0250	5.00		113	70-130	2.03	20	
Toluene	6.05	0.0250	5.00		121	70-130	1.23	20	
o-Xylene	5.52	0.0250	5.00		110	70-130	2.29	20	
p,m-Xylene	11.4	0.0500	10.0		114	70-130	2.10	20	
Total Xylenes	16.9	0.0250	15.0		112	70-130	2.16	20	
Surrogate: 4-Bromochlorobenzene-PID	6.87		8.00		85.9	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:04:29PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227079-BLK1)

Prepared: 06/29/22 Analyzed: 07/02/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.41		8.00		80.2	70-130			

LCS (2227079-BS2)

Prepared: 06/29/22 Analyzed: 07/02/22

Gasoline Range Organics (C6-C10)	38.2	20.0	50.0		76.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.42		8.00		80.3	70-130			

LCS Dup (2227079-BSD2)

Prepared: 06/29/22 Analyzed: 07/02/22

Gasoline Range Organics (C6-C10)	38.2	20.0	50.0		76.4	70-130	0.0797	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.46		8.00		80.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:04:29PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227105-BLK1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.0		50.0		98.1	50-200			

LCS (2227105-BS1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	473	25.0	500		94.7	38-132			
Surrogate: <i>n</i> -Nonane	44.1		50.0		88.1	50-200			

Matrix Spike (2227105-MS1)

Source: E206218-13

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	485	25.0	500	ND	96.9	38-132			
Surrogate: <i>n</i> -Nonane	48.7		50.0		97.3	50-200			

Matrix Spike Dup (2227105-MSD1)

Source: E206218-13

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	496	25.0	500	ND	99.3	38-132	2.37	20	
Surrogate: <i>n</i> -Nonane	47.4		50.0		94.8	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 5:04:29PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227108-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227108-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	249	20.0	250		99.7	90-110			
LCS Dup (2227108-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	250	20.0	250		100	90-110	0.280	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/05/22 17:04

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E206218
Job # 22010-0001Page 25 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location:		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-241 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-242 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-243 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-244 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-245 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-246 (4'-4.5')		6/23/2022				X				C		1		X X X													
CS-286 (5.5')		6/23/2022				X				C		1		X X X													
CS-287 (5.5')		6/23/2022				X				C		1		X X X													
CS-288 (5.5')		6/23/2022				X				C		1		X X X													
CS-289 (5.5')		6/23/2022				X				C		1		X X X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22		Chito		6/29/22 7:05	

Chain of Custody

Work Order No. E206218
Job # 22010-0001Page 26 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST TRRP ☐ Level I ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST												Preservative Codes			
Project Number:	1080	☐ Routine ☒ Rush		Pres. Code														None: NO	DI Water: H ₂ O		
Project Location:	Eddy Co, NM	Due Date:	24HRS	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD											Cool: Cool	MeOH: Me	
Sampler's Name:	CM											HCL: HC	HNO ₃ : HN								
PO #:												H ₂ SO ₄ : H ₂	NaOH: Na								
SAMPLE RECEIPT		Temp Blank:	Yes No						Wet Ice:	☒ Yes ☐ No											H ₃ PO ₄ : HP
Received Intact:	☒ Yes ☐ No	Thermometer ID:															NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes No N/A	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals:	Yes No N/A	Temperature Reading:		4													Zn Acetate+NaOH: Zn				
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
11	CS-290 (5.5')	6/23/2022		X		C	1	X	X	X											
12	CS-291 (5.5')	6/23/2022		X		C	1	X	X	X											
13	CS-292 (5.5')	6/23/2022		X		C	1	X	X	X											
14	CS-293 (5.5')	6/23/2022		X		C	1	X	X	X											
15	CS-294 (5.5')	6/23/2022		X		C	1	X	X	X											
16	CS-295 (5.5')	6/23/2022		X		C	1	X	X	X											
17	CS-296 (5.5')	6/23/2022		X		C	1	X	X	X											
18	CS-297 (5.5')	6/23/2022		X		C	1	X	X	X											
19	CS-298 (5.5')	6/23/2022		X		C	1	X	X	X											
20	CS-299 (5.5')	6/23/2022		X		C	1	X	X	X											

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Mike Conner</i>	6/28/22	<i>Carla Chute</i>	6/28/22
	6/28/22		6/29/22 7:05

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:01:11PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:05	Work Order ID:	E206218
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:05	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC. Samples CS-286 through CS-290 were labeled SW-286 to SW-290.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: PLU 423 South Frac Pond

Work Order: E207157

Job Number: 22010-0001

Received: 7/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/26/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/26/22

Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701



Project Name: PLU 423 South Frac Pond
Workorder: E207157
Date Received: 7/23/2022 11:30:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2022 11:30:00AM, under the Project Name: PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/26/22 16:06
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-163 (5.8')	E207157-01A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-223 (4.8')	E207157-02A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-247 (4')	E207157-03A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-248 (4')	E207157-04A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-249 (4')	E207157-05A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-250 (4')	E207157-06A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-251 (4')	E207157-07A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-252 (4')	E207157-08A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-253 (4')	E207157-09A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-254 (4')	E207157-10A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-255 (4')	E207157-11A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-256 (4')	E207157-12A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-257 (4')	E207157-13A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-258 (4')	E207157-14A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-259 (4')	E207157-15A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-260 (4')	E207157-16A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-261 (4')	E207157-17A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-262 (4')	E207157-18A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-263 (4')	E207157-19A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-264 (4')	E207157-20A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-163 (5.8')

E207157-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Benzene	ND	0.0250	1	07/23/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/23/22	
Toluene	ND	0.0250	1	07/23/22	07/23/22	
o-Xylene	ND	0.0250	1	07/23/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.5 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230108	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	98.4 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231001	
Chloride	306	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-223 (4.8')

E207157-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Benzene	ND	0.0250	1	07/23/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/23/22	
Toluene	ND	0.0250	1	07/23/22	07/23/22	
o-Xylene	ND	0.0250	1	07/23/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.0 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.5 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2230108	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>	95.4 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2231001	
Chloride	380	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-247 (4')

E207157-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/23/22	
Toluene	ND	0.0250	1	07/23/22	07/23/22	
o-Xylene	ND	0.0250	1	07/23/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	93.2 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	23.6	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-248 (4')

E207157-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/23/22	
Toluene	ND	0.0250	1	07/23/22	07/23/22	
o-Xylene	ND	0.0250	1	07/23/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	97.5 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	43.3	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-249 (4')

E207157-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.5 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2230108	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>	104 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2231001	
Chloride	42.8	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-250 (4')

E207157-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	95.6 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	385	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-251 (4')

E207157-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	97.6 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	46.5	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-252 (4')

E207157-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Benzene	ND	0.0500	2	07/23/22	07/24/22	
Ethylbenzene	ND	0.0500	2	07/23/22	07/24/22	
Toluene	ND	0.0500	2	07/23/22	07/24/22	
o-Xylene	ND	0.0500	2	07/23/22	07/24/22	
p,m-Xylene	ND	0.100	2	07/23/22	07/24/22	
Total Xylenes	ND	0.0500	2	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	198 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Gasoline Range Organics (C6-C10)	ND	40.0	2	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	192 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230108	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	95.0 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231001	
Chloride	24.2	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-253 (4')

E207157-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	90.6 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	66.6	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-254 (4')

E207157-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	95.4 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	90.2	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-255 (4')

E207157-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	96.7 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	122	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-256 (4')

E207157-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2230108	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>	100 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2231001	
Chloride	395	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-257 (4')

E207157-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	98.2 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	285	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-258 (4')

E207157-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	98.9 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	23.3	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-259 (4')

E207157-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	98.7 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	78.3	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-260 (4')

E207157-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	99.7 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	68.2	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-261 (4')

E207157-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	99.1 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	464	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-262 (4')

E207157-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	290	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-263 (4')

E207157-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.5 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	22.1	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-264 (4')

E207157-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	97.8 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	58.9	20.0	1	07/24/22	07/24/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:06:40PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230104-BLK1)

Prepared: 07/23/22 Analyzed: 07/23/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			

LCS (2230104-BS1)

Prepared: 07/23/22 Analyzed: 07/23/22

Benzene	4.64	0.0250	5.00		92.8	70-130			
Ethylbenzene	4.04	0.0250	5.00		80.7	70-130			
Toluene	4.37	0.0250	5.00		87.3	70-130			
o-Xylene	4.32	0.0250	5.00		86.4	70-130			
p,m-Xylene	8.35	0.0500	10.0		83.5	70-130			
Total Xylenes	12.7	0.0250	15.0		84.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			

LCS Dup (2230104-BSD1)

Prepared: 07/23/22 Analyzed: 07/23/22

Benzene	4.81	0.0250	5.00		96.1	70-130	3.50	20	
Ethylbenzene	4.18	0.0250	5.00		83.6	70-130	3.48	20	
Toluene	4.52	0.0250	5.00		90.4	70-130	3.48	20	
o-Xylene	4.47	0.0250	5.00		89.4	70-130	3.47	20	
p,m-Xylene	8.64	0.0500	10.0		86.4	70-130	3.45	20	
Total Xylenes	13.1	0.0250	15.0		87.4	70-130	3.46	20	
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:06:40PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230104-BLK1)

Prepared: 07/23/22 Analyzed: 07/23/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			

LCS (2230104-BS2)

Prepared: 07/23/22 Analyzed: 07/23/22

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			

LCS Dup (2230104-BSD2)

Prepared: 07/23/22 Analyzed: 07/23/22

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0		93.8	70-130	0.432	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			



QC Summary Data

Carmona Resources	Project Name:	PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/26/2022 4:06:40PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230108-BLK1)					Prepared: 07/23/22 Analyzed: 07/23/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			

LCS (2230108-BS1)					Prepared: 07/23/22 Analyzed: 07/23/22				
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
Surrogate: n-Nonane	46.7		50.0		93.4	50-200			

Matrix Spike (2230108-MS1)					Source: E207157-17		Prepared: 07/23/22 Analyzed: 07/23/22		
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	48.4		50.0		96.7	50-200			

Matrix Spike Dup (2230108-MSD1)					Source: E207157-17		Prepared: 07/23/22 Analyzed: 07/23/22		
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132	2.06	20	
Surrogate: n-Nonane	48.2		50.0		96.4	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:06:40PM
---	---	---

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2231001-BLK1)

Prepared: 07/24/22 Analyzed: 07/24/22

Chloride ND 20.0

LCS (2231001-BS1)

Prepared: 07/24/22 Analyzed: 07/24/22

Chloride 239 20.0 250 95.8 90-110

Matrix Spike (2231001-MS1)

Source: E207157-01

Prepared: 07/24/22 Analyzed: 07/24/22

Chloride 551 20.0 250 306 98.0 80-120

Matrix Spike Dup (2231001-MSD1)

Source: E207157-01

Prepared: 07/24/22 Analyzed: 07/24/22

Chloride 557 20.0 250 306 100 80-120 1.11 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/26/22 16:06

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E207157
 Job # 22010-0001

Page 1 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location:		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-163 (5.8')		7/21/2022				X				C		1		X X X													
CS-223 (4.8')		7/21/2022				X				C		1		X X X													
CS-247 (4')		7/21/2022				X				C		1		X X X													
CS-248 (4')		7/21/2022				X				C		1		X X X													
CS-249 (4')		7/21/2022				X				C		1		X X X													
CS-250 (4')		7/21/2022				X				C		1		X X X													
CS-251 (4')		7/21/2022				X				C		1		X X X													
CS-252 (4')		7/21/2022				X				C		1		X X X													
CS-253 (4')		7/21/2022				X				C		1		X X X													
CS-254 (4')		7/21/2022				X				C		1		X X X													

Email to MIKE CARMONA / mcarmona@carmonaresources.com
 CONNER MOEHRING / cmoehring@carmonaresources.com
 EDDY GAYTON / ngaytan@hazmatspecialservices.com

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		7/22/22		<i>Heriberto Gayton</i>		7-22-22 9:42	
<i>Heriberto Gayton</i>		7-22-22		<i>Carla Chute</i>		7-22-22 4:16	
						7/23/22 11:3	

Chain of Custody

Work Order No: E207157
Job# 22010-0001

Page 2 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No				Thermometer ID:																NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A				Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A				Temperature Reading:																Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-255 (4')		7/21/2022				X				C		1		X X X													
CS-256 (4')		7/21/2022				X				C		1		X X X													
CS-257 (4')		7/21/2022				X				C		1		X X X													
CS-258 (4')		7/21/2022				X				C		1		X X X													
CS-259 (4')		7/21/2022				X				C		1		X X X													
CS-260 (4')		7/21/2022				X				C		1		X X X													
CS-261 (4')		7/21/2022				X				C		1		X X X													
CS-262 (4')		7/21/2022				X				C		1		X X X													
CS-263 (4')		7/21/2022				X				C		1		X X X													
CS-264 (4')		7/21/2022				X				C		1		X X X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		8/22/22		<i>Heriberto Gayton</i>		7/22/22 9:45	
<i>Heriberto Gayton</i>		7-22-22 4:15		<i>Carla</i>		7/23/22 11:30	

Envirotech Analytical Laboratory

Printed: 7/25/2022 12:40:41PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	07/23/22 11:30	Work Order ID:	E207157
Phone:	(432) 813-6823	Date Logged In:	07/22/22 16:43	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	07/25/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project was separated into 5 reports due to amount of samples. Workorders are as follows: E207157 COC pg 1&2 of 10, E207158 COC pg 3&4 of 10, E207159 COC pg 5&6 of 10, E207160 COC pg 7&8 of 10, E207161 COC pg 9&10 of 10. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: PLU 423 South Frac Pond

Work Order: E207158

Job Number: 22010-0001

Received: 7/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/26/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/26/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: PLU 423 South Frac Pond
Workorder: E207158
Date Received: 7/23/2022 11:30:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2022 11:30:00AM, under the Project Name: PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/26/22 16:14
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-265 (4')	E207158-01A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-266 (4')	E207158-02A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-267 (4')	E207158-03A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-268 (4')	E207158-04A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-269 (4')	E207158-05A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-270 (4')	E207158-06A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-271 (4')	E207158-07A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-272 (4')	E207158-08A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-273 (4')	E207158-09A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-274 (4')	E207158-10A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-275 (4')	E207158-11A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-276 (4')	E207158-12A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-277 (4')	E207158-13A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-278 (4')	E207158-14A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-279 (4')	E207158-15A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-280 (4')	E207158-16A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-281 (4')	E207158-17A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-282 (4')	E207158-18A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-283 (4')	E207158-19A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-284 (4')	E207158-20A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-265 (4')

E207158-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	71.0	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-266 (4')

E207158-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	186	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-267 (4')

E207158-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.2 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>	112 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	62.3	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-268 (4')

E207158-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230109
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	98.0 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231002
Chloride	37.6	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-269 (4')

E207158-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/26/22	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		07/23/22	07/26/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	21.6	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-270 (4')

E207158-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230109
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231002
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-271 (4')

E207158-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230109
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231002
Chloride	44.7	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-272 (4')

E207158-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	50.5	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-273 (4')

E207158-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	318	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-274 (4')

E207158-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230109
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231002
Chloride	208	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-275 (4')

E207158-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	27.7	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-276 (4')

E207158-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>	111 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	52.5	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-277 (4')

E207158-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	555	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-278 (4')

E207158-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	60.8	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-279 (4')

E207158-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>	111 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	513	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-280 (4')

E207158-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230109
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231002
Chloride	33.5	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-281 (4')

E207158-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230109
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231002
Chloride	45.3	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-282 (4')

E207158-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	521	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-283 (4')

E207158-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	39.0	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-284 (4')

E207158-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	21.0	20.0	1	07/24/22	07/25/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:14:22PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230105-BLK1)

Prepared: 07/23/22 Analyzed: 07/24/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.2	70-130			

LCS (2230105-BS1)

Prepared: 07/23/22 Analyzed: 07/24/22

Benzene	4.71	0.0250	5.00		94.1	70-130			
Ethylbenzene	4.07	0.0250	5.00		81.4	70-130			
Toluene	4.42	0.0250	5.00		88.4	70-130			
o-Xylene	4.36	0.0250	5.00		87.3	70-130			
p,m-Xylene	8.42	0.0500	10.0		84.2	70-130			
Total Xylenes	12.8	0.0250	15.0		85.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			

LCS Dup (2230105-BSD1)

Prepared: 07/23/22 Analyzed: 07/24/22

Benzene	4.80	0.0250	5.00		96.0	70-130	1.98	20	
Ethylbenzene	4.16	0.0250	5.00		83.2	70-130	2.24	20	
Toluene	4.51	0.0250	5.00		90.3	70-130	2.10	20	
o-Xylene	4.45	0.0250	5.00		89.0	70-130	1.96	20	
p,m-Xylene	8.60	0.0500	10.0		86.0	70-130	2.16	20	
Total Xylenes	13.1	0.0250	15.0		87.0	70-130	2.09	20	
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:14:22PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230105-BLK1)

Prepared: 07/23/22 Analyzed: 07/24/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130			

LCS (2230105-BS2)

Prepared: 07/23/22 Analyzed: 07/24/22

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			

LCS Dup (2230105-BSD2)

Prepared: 07/23/22 Analyzed: 07/24/22

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		88.0	70-130	5.71	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:14:22PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230109-BLK1)

Prepared: 07/23/22 Analyzed: 07/23/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.2		50.0		98.4	50-200			

LCS (2230109-BS1)

Prepared: 07/23/22 Analyzed: 07/23/22

Diesel Range Organics (C10-C28)	281	25.0	250		112	38-132			
Surrogate: <i>n</i> -Nonane	56.1		50.0		112	50-200			

Matrix Spike (2230109-MS1)

Source: E207158-11

Prepared: 07/23/22 Analyzed: 07/23/22

Diesel Range Organics (C10-C28)	264	25.0	250	ND	105	38-132			
Surrogate: <i>n</i> -Nonane	50.9		50.0		102	50-200			

Matrix Spike Dup (2230109-MSD1)

Source: E207158-11

Prepared: 07/23/22 Analyzed: 07/23/22

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132	4.12	20	
Surrogate: <i>n</i> -Nonane	48.6		50.0		97.2	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:14:22PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231002-BLK1)

Prepared: 07/24/22 Analyzed: 07/24/22

Chloride	ND	20.0							
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LCS (2231002-BS1)

Prepared: 07/24/22 Analyzed: 07/24/22

Chloride	245	20.0	250		98.1	90-110			
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Matrix Spike (2231002-MS1)

Source: E207158-01

Prepared: 07/24/22 Analyzed: 07/25/22

Chloride	314	20.0	250	71.0	97.2	80-120			
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Matrix Spike Dup (2231002-MSD1)

Source: E207158-01

Prepared: 07/24/22 Analyzed: 07/25/22

Chloride	307	20.0	250	71.0	94.5	80-120	2.24	20	
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QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/26/22 16:14

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

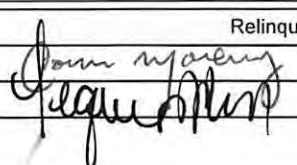
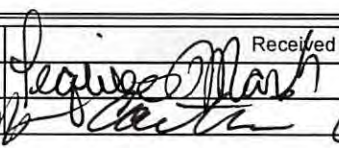
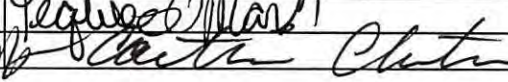
Work Order No: E207158
 Job# 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me			
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN			
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP	
Received Intact:		Yes No				Thermometer ID:																NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes No N/A				Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes No N/A				Temperature Reading:																Zn Acetate+NaOH: Zn	
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-265 (4')		7/21/2022		X		C	1	X	X	X													
CS-266 (4')		7/21/2022		X		C	1	X	X	X													
CS-267 (4')		7/21/2022		X		C	1	X	X	X													
CS-268 (4')		7/21/2022		X		C	1	X	X	X													
CS-269 (4')		7/21/2022		X		C	1	X	X	X													
CS-270 (4')		7/21/2022		X		C	1	X	X	X													
CS-271 (4')		7/21/2022		X		C	1	X	X	X													
CS-272 (4')		7/21/2022		X		C	1	X	X	X													
CS-273 (4')		7/21/2022		X		C	1	X	X	X													
CS-274 (4')		7/21/2022		X		C	1	X	X	X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		7/22/22				7-22-22 9:45	
		7-22-22 11:30				7/23/22 11:30	

Chain of Custody

Work Order No: E207158
 Job# 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No				Thermometer ID:																NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A				Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A				Temperature Reading:																Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-275 (4')		7/21/2022				X				C		1		X X X													
CS-276 (4')		7/21/2022				X				C		1		X X X													
CS-277 (4')		7/21/2022				X				C		1		X X X													
CS-278 (4')		7/21/2022				X				C		1		X X X													
CS-279 (4')		7/21/2022				X				C		1		X X X													
CS-280 (4')		7/21/2022				X				C		1		X X X													
CS-281 (4')		7/21/2022				X				C		1		X X X													
CS-282 (4')		7/21/2022				X				C		1		X X X													
CS-283 (4')		7/21/2022				X				C		1		X X X													
CS-284 (4')		7/21/2022				X				C		1		X X X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		7/22/22		<i>Heriberto Gayton</i>		7-22-22 4:50	
<i>Heriberto Gayton</i>		7-22-22		<i>Conner Moehring</i>		7/23/22 11:30	

Envirotech Analytical Laboratory

Printed: 7/25/2022 12:47:18PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	07/23/22 11:30	Work Order ID:	E207158
Phone:	(432) 813-6823	Date Logged In:	07/22/22 16:46	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	07/25/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project was separated into 5 reports due to amount of samples. Workorders are as follows: E207157 COC pg 1&2 of 10, E207158 COC pg 3&4 of 10, E207159 COC pg 5&6 of 10, E207160 COC pg 7&8 of 10, E207161 COC pg 9&10 of 10. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206219

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206219
Date Received: 6/29/2022 7:07:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:07:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 15:07
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-300 (5.5')	E206219-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-301 (5.5')	E206219-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-302 (5.5')	E206219-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-303 (5.5')	E206219-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-304 (5.5')	E206219-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-305 (5.5')	E206219-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-306 (5.5')	E206219-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-307 (5.5')	E206219-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-308 (5.5')	E206219-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-309 (5.5')	E206219-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-310 (5.5')	E206219-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-311 (5.5')	E206219-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-312 (5.5')	E206219-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-313 (5.5')	E206219-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-314 (5.5')	E206219-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-315 (5.5')	E206219-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-316 (5.5')	E206219-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-317 (5.5')	E206219-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-318 (5.5')	E206219-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-319 (5.5')	E206219-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:07:55PM
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CS-300 (5.5')

E206219-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	96.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	96.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	97.4 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	32.6	20.0	1	06/30/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-301 (5.5')

E206219-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	99.9 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	29.4	20.0	1	06/30/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-302 (5.5')

E206219-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	95.9 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	32.2	20.0	1	06/30/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-303 (5.5')

E206219-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	103 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	32.3	20.0	1	06/30/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-304 (5.5')

E206219-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.7 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.7 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	98.2 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	24.4	20.0	1	06/30/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-305 (5.5')

E206219-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	96.4 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	28.7	20.0	1	06/30/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-306 (5.5')

E206219-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	92.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	92.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	96.4 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	72.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-307 (5.5')

E206219-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	94.6 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	28.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-308 (5.5')

E206219-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	104 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	32.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-309 (5.5')

E206219-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	107 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	85.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-310 (5.5')

E206219-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	101 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	30.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-311 (5.5')

E206219-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	95.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	31.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-312 (5.5')

E206219-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	102 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	40.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-313 (5.5')

E206219-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	99.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	75.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-314 (5.5')

E206219-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	102 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	30.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-315 (5.5')

E206219-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	106 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	83.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-316 (5.5')

E206219-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	98.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	103	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-317 (5.5')

E206219-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	92.9 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	92.9 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	107 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	32.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-318 (5.5')

E206219-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	107 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	32.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-319 (5.5')

E206219-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	99.2 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	30.3	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:07:55PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227080-BLK1)

Prepared: 06/29/22 Analyzed: 07/05/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.524		0.500		105	70-130			
Surrogate: Toluene-d8	0.464		0.500		92.8	70-130			

LCS (2227080-BS1)

Prepared: 06/29/22 Analyzed: 07/05/22

Benzene	2.13	0.0250	2.50		85.3	70-130			
Ethylbenzene	2.15	0.0250	2.50		85.9	70-130			
Toluene	2.12	0.0250	2.50		84.6	70-130			
o-Xylene	2.24	0.0250	2.50		89.7	70-130			
p,m-Xylene	4.36	0.0500	5.00		87.2	70-130			
Total Xylenes	6.60	0.0250	7.50		88.1	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

LCS Dup (2227080-BSD1)

Prepared: 06/29/22 Analyzed: 07/05/22

Benzene	2.23	0.0250	2.50		89.1	70-130	4.33	23	
Ethylbenzene	2.24	0.0250	2.50		89.4	70-130	3.99	27	
Toluene	2.19	0.0250	2.50		87.7	70-130	3.60	24	
o-Xylene	2.33	0.0250	2.50		93.0	70-130	3.63	27	
p,m-Xylene	4.55	0.0500	5.00		91.0	70-130	4.26	27	
Total Xylenes	6.88	0.0250	7.50		91.7	70-130	4.05	27	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:07:55PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227080-BLK1)

Prepared: 06/29/22 Analyzed: 07/05/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.524		0.500		105	70-130			
Surrogate: Toluene-d8	0.464		0.500		92.8	70-130			

LCS (2227080-BS2)

Prepared: 06/29/22 Analyzed: 07/05/22

Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.3	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			

LCS Dup (2227080-BSD2)

Prepared: 06/29/22 Analyzed: 07/05/22

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.6	70-130	4.93	20	
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.490		0.500		97.9	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:07:55PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227106-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.0		50.0		92.1	50-200			

LCS (2227106-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Diesel Range Organics (C10-C28)	471	25.0	500		94.1	38-132			
Surrogate: n-Nonane	43.4		50.0		86.8	50-200			

Matrix Spike (2227106-MS1)					Source: E206219-12		Prepared: 06/30/22 Analyzed: 07/01/22		
Diesel Range Organics (C10-C28)	509	25.0	500	ND	102	38-132			
Surrogate: n-Nonane	49.7		50.0		99.3	50-200			

Matrix Spike Dup (2227106-MSD1)					Source: E206219-12		Prepared: 06/30/22 Analyzed: 07/01/22		
Diesel Range Organics (C10-C28)	498	25.0	500	ND	99.6	38-132	2.24	20	
Surrogate: n-Nonane	49.3		50.0		98.7	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 3:07:55PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227110-BLK1)					Prepared: 06/30/22 Analyzed: 06/30/22				
Chloride	ND	20.0							
LCS (2227110-BS1)					Prepared: 06/30/22 Analyzed: 06/30/22				
Chloride	252	20.0	250		101	90-110			
LCS Dup (2227110-BSD1)					Prepared: 06/30/22 Analyzed: 06/30/22				
Chloride	252	20.0	250		101	90-110	0.115	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.

Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 15:07

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E206219
 Job # 22010-0001

Page 27 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ Fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRF ☐ L ☐ PI IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me			
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN			
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP	
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	HOLD												Sample Comments			
CS-300 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-301 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-302 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-303 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-304 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-305 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-306 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-307 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-308 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-309 (5.5')		6/23/2022		X		C	1	X	X	X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6.28.22				6.28.22	
		6.28.22				6/29/22 7:04	

Chain of Custody

Work Order No: E206219
 Job # 22010-0001

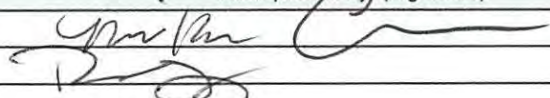
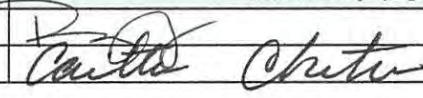
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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ Fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRF ☐ L ☐ BI IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me			
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN			
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP	
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-310 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-311 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-312 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-313 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-314 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-315 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-316 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-317 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-318 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-319 (5.5')		6/23/2022		X		C	1	X	X	X													

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6.28.22		6.28.22
	6.28.22		6/29/22 7:07

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:06:29PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:07	Work Order ID:	E206219
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:05	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

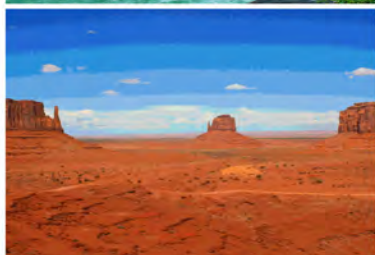
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206220

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206220
Date Received: 6/29/2022 7:07:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:07:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Laboratory Administrator
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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 12:00
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-320 (5.5')	E206220-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-321 (5.5')	E206220-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-322 (5.5')	E206220-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-323 (5.5')	E206220-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-324 (5.5')	E206220-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-325 (5.5')	E206220-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-326 (5.5')	E206220-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-327 (5.5')	E206220-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-328 (5.5')	E206220-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-329 (5.5')	E206220-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-330 (5.5')	E206220-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-331 (5.5')	E206220-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-332 (5.5')	E206220-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-333 (5.5')	E206220-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-334 (5.5')	E206220-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-335 (5.5')	E206220-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-336 (5.5')	E206220-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-337 (5.5')	E206220-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-338 (5.5')	E206220-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-339 (5.5')	E206220-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 12:00:45PM
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CS-320 (5.5')

E206220-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	112 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	33.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-321 (5.5')

E206220-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	110 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	85.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-322 (5.5')

E206220-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	111 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	92.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-323 (5.5')

E206220-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	120 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	34.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-324 (5.5')

E206220-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	91.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	97.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	91.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	97.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	122 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	97.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-325 (5.5')

E206220-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	114 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	ND	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-326 (5.5')

E206220-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	126 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	28.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-327 (5.5')

E206220-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.7 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	96.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.7 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	96.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	120 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	82.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-328 (5.5')

E206220-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	123 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	31.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-329 (5.5')

E206220-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	93.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	93.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	119 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	26.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-330 (5.5')

E206220-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	120 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	25.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-331 (5.5')

E206220-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	129 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	36.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-332 (5.5')

E206220-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	129 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	119	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-333 (5.5')

E206220-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	119 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	86.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-334 (5.5')

E206220-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	132 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	114	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-335 (5.5')

E206220-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	125 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	110	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-336 (5.5')

E206220-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	124 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	61.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-337 (5.5')

E206220-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	96.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	96.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	125 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	26.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-338 (5.5')

E206220-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	128 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	91.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-339 (5.5')

E206220-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	131 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	31.2	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 12:00:45PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227081-BLK1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.474		0.500		94.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.469		0.500		93.8	70-130			

LCS (2227081-BS1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	2.47	0.0250	2.50		98.8	70-130			
Ethylbenzene	2.44	0.0250	2.50		97.6	70-130			
Toluene	2.50	0.0250	2.50		99.9	70-130			
o-Xylene	2.57	0.0250	2.50		103	70-130			
p,m-Xylene	5.00	0.0500	5.00		99.9	70-130			
Total Xylenes	7.57	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			

LCS Dup (2227081-BSD1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	2.45	0.0250	2.50		98.0	70-130	0.874	23	
Ethylbenzene	2.44	0.0250	2.50		97.5	70-130	0.164	27	
Toluene	2.43	0.0250	2.50		97.1	70-130	2.88	24	
o-Xylene	2.56	0.0250	2.50		102	70-130	0.644	27	
p,m-Xylene	4.95	0.0500	5.00		99.1	70-130	0.894	27	
Total Xylenes	7.51	0.0250	7.50		100	70-130	0.809	27	
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 12:00:45PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227081-BLK1)

Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.474		0.500		94.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.469		0.500		93.8	70-130			

LCS (2227081-BS2)

Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	42.0	20.0	50.0		84.1	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

LCS Dup (2227081-BSD2)

Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.5	70-130	1.69	20	
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 12:00:45PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227107-BLK1)

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	54.6		50.0		109	50-200			

LCS (2227107-BS1)

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	510	25.0	500		102	38-132			
Surrogate: <i>n</i> -Nonane	49.1		50.0		98.1	50-200			

Matrix Spike (2227107-MS1)

Source: E206220-06

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	536	25.0	500	ND	107	38-132			
Surrogate: <i>n</i> -Nonane	53.9		50.0		108	50-200			

Matrix Spike Dup (2227107-MSD1)

Source: E206220-06

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	588	25.0	500	ND	118	38-132	9.35	20	
Surrogate: <i>n</i> -Nonane	58.5		50.0		117	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 12:00:45PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227113-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227113-BS1)					Prepared: 06/30/22 Analyzed: 07/02/22				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2227113-BSD1)					Prepared: 06/30/22 Analyzed: 07/02/22				
Chloride	252	20.0	250		101	90-110	0.638	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 12:00

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E2010220
 Job # 22010-0001

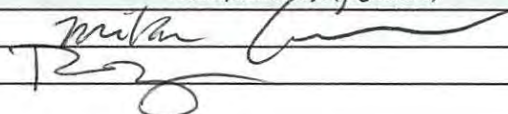
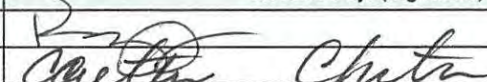
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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Le IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-320 (5.5')		6/23/2022				X				C		1		X X X													
CS-321 (5.5')		6/23/2022				X				C		1		X X X													
CS-322 (5.5')		6/23/2022				X				C		1		X X X													
CS-323 (5.5')		6/23/2022				X				C		1		X X X													
CS-324 (5.5')		6/23/2022				X				C		1		X X X													
CS-325 (5.5')		6/23/2022				X				C		1		X X X													
CS-326 (5.5')		6/23/2022				X				C		1		X X X													
CS-327 (5.5')		6/23/2022				X				C		1		X X X													
CS-328 (5.5')		6/23/2022				X				C		1		X X X													
CS-329 (5.5')		6/23/2022				X				C		1		X X X													

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6/28/22				6/28/22	
		6/28/22				6/29/22 7:07	

Chain of Custody

Work Order No: E206220
 Job # 22010-0001

Page 30 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ Fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRF ☐ L ☐ El IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-330 (5.5')		6/23/2022				X				C		1		X X X													
CS-331 (5.5')		6/23/2022				X				C		1		X X X													
CS-332 (5.5')		6/23/2022				X				C		1		X X X													
CS-333 (5.5')		6/23/2022				X				C		1		X X X													
CS-334 (5.5')		6/23/2022				X				C		1		X X X													
CS-335 (5.5')		6/23/2022				X				C		1		X X X													
CS-336 (5.5')		6/23/2022				X				C		1		X X X													
CS-337 (5.5')		6/23/2022				X				C		1		X X X													
CS-338 (5.5')		6/23/2022				X				C		1		X X X													
CS-339 (5.5')		6/23/2022				X				C		1		X X X													

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22				6/29/22 7:07	

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:10:01PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:07	Work Order ID:	E206220
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:12	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206221

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/5/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206221
Date Received: 6/29/2022 7:08:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:08:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/05/22 17:25
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-340 (5.5')	E206221-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-341 (5.5')	E206221-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-342 (5.5')	E206221-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-343 (5.5')	E206221-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-344 (5.5')	E206221-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-345 (5.5')	E206221-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-346 (5.5')	E206221-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-347 (5.5')	E206221-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-348 (5.5')	E206221-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-349 (5.5')	E206221-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-350 (5.5')	E206221-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-351 (5.5')	E206221-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-352 (5.5')	E206221-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-353 (7')	E206221-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-354 (7')	E206221-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-355 (7')	E206221-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-356 (5.5')	E206221-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-357 (5.5')	E206221-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-358 (5.5')	E206221-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-359 (5.5')	E206221-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-340 (5.5')

E206221-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	125 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	277	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-341 (5.5')

E206221-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	92.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-342 (5.5')

E206221-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	106	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-343 (5.5')

E206221-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	22.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-344 (5.5')

E206221-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	138 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	ND	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-345 (5.5')

E206221-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	143 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	81.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-346 (5.5')

E206221-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.0 %	70-130	06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.7 %	70-130	06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
		118 %	50-200	06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	90.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-347 (5.5')

E206221-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	102	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-348 (5.5')

E206221-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	84.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-349 (5.5')

E206221-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	128 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	90.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-350 (5.5')

E206221-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	83.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-351 (5.5')

E206221-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	90.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-352 (5.5')

E206221-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	113	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-353 (7')

E206221-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	68.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-354 (7')

E206221-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	29.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-355 (7')

E206221-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	ND	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-356 (5.5')

E206221-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	96.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-357 (5.5')

E206221-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	31.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-358 (5.5')

E206221-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	121	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-359 (5.5')

E206221-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	79.3	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:25:57PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227082-BLK1)

Prepared: 06/29/22 Analyzed: 07/02/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.4	70-130			

LCS (2227082-BS1)

Prepared: 06/29/22 Analyzed: 07/02/22

Benzene	5.29	0.0250	5.00		106	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.6	70-130			
Toluene	4.99	0.0250	5.00		99.9	70-130			
o-Xylene	4.86	0.0250	5.00		97.2	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.5	0.0250	15.0		96.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			

LCS Dup (2227082-BSD1)

Prepared: 06/29/22 Analyzed: 07/02/22

Benzene	5.43	0.0250	5.00		109	70-130	2.65	20	
Ethylbenzene	4.80	0.0250	5.00		96.0	70-130	2.57	20	
Toluene	5.13	0.0250	5.00		103	70-130	2.68	20	
o-Xylene	5.00	0.0250	5.00		100	70-130	2.84	20	
p,m-Xylene	9.88	0.0500	10.0		98.8	70-130	2.62	20	
Total Xylenes	14.9	0.0250	15.0		99.2	70-130	2.69	20	
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:25:57PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227082-BLK1)

Prepared: 06/29/22 Analyzed: 07/02/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			

LCS (2227082-BS2)

Prepared: 06/29/22 Analyzed: 07/02/22

Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			

LCS Dup (2227082-BSD2)

Prepared: 06/29/22 Analyzed: 07/02/22

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.8	70-130	3.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 5:25:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227109-BLK1) Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	62.7		50.0		125	50-200			

LCS (2227109-BS1) Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	562	25.0	500		112	38-132			
Surrogate: n-Nonane	78.7		50.0		157	50-200			

Matrix Spike (2227109-MS1) Source: E206221-17 Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	497	25.0	500	ND	99.4	38-132			
Surrogate: n-Nonane	69.5		50.0		139	50-200			

Matrix Spike Dup (2227109-MSD1) Source: E206221-17 Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	446	25.0	500	ND	89.3	38-132	10.8	20	
Surrogate: n-Nonane	72.2		50.0		144	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 5:25:57PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227120-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227120-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	257	20.0	250		103	90-110			
LCS Dup (2227120-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	258	20.0	250		103	90-110	0.332	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/05/22 17:25

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E206221
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST										Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code												None: NO DI Water: H ₂ O			
Project Location:		Eddy Co, NM		Due Date:		24HRS												Cool: Cool MeOH: Me			
Sampler's Name:		CM																HCL: HC HNO ₃ : HN			
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No												H ₃ PO ₄ : HP	
Received Intact:		☒ Yes ☐ No		Thermometer ID:														NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4												Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:														NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
CS-340 (5.5')		6/23/2022		X		C	1	X	X	X											
CS-341 (5.5')		6/23/2022		X		C	1	X	X	X											
CS-342 (5.5')		6/23/2022		X		C	1	X	X	X											
CS-343 (5.5')		6/23/2022		X		C	1	X	X	X											
CS-344 (5.5')		6/23/2022		X		C	1	X	X	X											
CS-345 (5.5')		6/23/2022		X		C	1	X	X	X											
CS-346 (5.5')		6/23/2022		X		C	1	X	X	X											
CS-347 (5.5')		6/23/2022		X		C	1	X	X	X											
CS-348 (5.5')		6/23/2022		X		C	1	X	X	X											
CS-349 (5.5')		6/23/2022		X		C	1	X	X	X											

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Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		6-28-22			6-28-22
		6-28-22			6/29/22 7:01

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Work Order Comments			
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐		
State of Project:			
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level ☐		
Deliverables:	EDD ☐ ADaPT ☐ Other:		

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Envirotech Analytical Laboratory

Printed: 6/29/2022 2:19:42PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:08	Work Order ID:	E206221
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:13	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206222

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206222
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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Lynn Jarboe
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Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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CS-363 (5.5')	9
CS-364 (5.5')	10
CS-365 (5.5')	11
CS-366 (5.5')	12
CS-367 (5.5')	13
CS-368 (5.5')	14
CS-369 (5.5')	15
CS-370 (5.5')	16
CS-371 (5.5')	17
CS-372 (5.5')	18
CS-373 (5.5')	19
CS-374 (5.5')	20
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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 13:51
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-360 (5.5')	E206222-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-361 (5.5')	E206222-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-362 (5.5')	E206222-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-363 (5.5')	E206222-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-364 (5.5')	E206222-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-365 (5.5')	E206222-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-366 (5.5')	E206222-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-367 (5.5')	E206222-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-368 (5.5')	E206222-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-369 (5.5')	E206222-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-370 (5.5')	E206222-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-371 (5.5')	E206222-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-372 (5.5')	E206222-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-373 (5.5')	E206222-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-374 (5.5')	E206222-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-375 (5.5')	E206222-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-376 (7')	E206222-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-377 (7')	E206222-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-378 (7')	E206222-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-379 (5.5')	E206222-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 1:51:02PM
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CS-360 (5.5')

E206222-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	115 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	31.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-361 (5.5')

E206222-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	137 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	89.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-362 (5.5')

E206222-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	117 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	104	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-363 (5.5')

E206222-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	134 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	41.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-364 (5.5')

E206222-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	129 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	35.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-365 (5.5')

E206222-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	115 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	33.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-366 (5.5')

E206222-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	112 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	ND	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-367 (5.5')

E206222-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	123 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	90.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-368 (5.5')

E206222-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	123 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	76.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-369 (5.5')

E206222-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	99.0 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	81.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-370 (5.5')

E206222-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	118 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	41.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-371 (5.5')

E206222-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	109 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	36.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-372 (5.5')

E206222-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	125 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	35.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-373 (5.5')

E206222-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	119 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	53.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-374 (5.5')

E206222-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	111 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	74.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-375 (5.5')

E206222-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	116 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	88.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-376 (7')

E206222-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	115 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	31.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-377 (7')

E206222-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	128 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	96.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-378 (7')

E206222-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/05/22	
Toluene	ND	0.0250	1	06/29/22	07/05/22	
o-Xylene	ND	0.0250	1	06/29/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/05/22	
Surrogate: Bromofluorobenzene		100 %	70-130	06/29/22	07/05/22	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	06/29/22	07/05/22	
Surrogate: Toluene-d8		104 %	70-130	06/29/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/05/22	
Surrogate: Bromofluorobenzene		100 %	70-130	06/29/22	07/05/22	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	06/29/22	07/05/22	
Surrogate: Toluene-d8		104 %	70-130	06/29/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane		123 %	50-200	06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	34.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-379 (5.5')

E206222-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/05/22	
Toluene	ND	0.0250	1	06/29/22	07/05/22	
o-Xylene	ND	0.0250	1	06/29/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/05/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/29/22	07/05/22	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		06/29/22	07/05/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/05/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/29/22	07/05/22	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		06/29/22	07/05/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	115 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	38.3	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 1:51:02PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227083-BLK1)

Prepared: 06/29/22 Analyzed: 07/05/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS (2227083-BS1)

Prepared: 06/29/22 Analyzed: 07/05/22

Benzene	2.29	0.0250	2.50		91.4	70-130			
Ethylbenzene	2.30	0.0250	2.50		92.2	70-130			
Toluene	2.19	0.0250	2.50		87.6	70-130			
o-Xylene	2.19	0.0250	2.50		87.7	70-130			
p,m-Xylene	4.34	0.0500	5.00		86.8	70-130			
Total Xylenes	6.53	0.0250	7.50		87.1	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

LCS Dup (2227083-BSD1)

Prepared: 06/29/22 Analyzed: 07/05/22

Benzene	2.28	0.0250	2.50		91.3	70-130	0.109	23	
Ethylbenzene	2.30	0.0250	2.50		92.1	70-130	0.0868	27	
Toluene	2.19	0.0250	2.50		87.6	70-130	0.00	24	
o-Xylene	2.17	0.0250	2.50		86.7	70-130	1.22	27	
p,m-Xylene	4.33	0.0500	5.00		86.5	70-130	0.335	27	
Total Xylenes	6.49	0.0250	7.50		86.6	70-130	0.630	27	
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 1:51:02PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227083-BLK1)

Prepared: 06/29/22 Analyzed: 07/05/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS (2227083-BS2)

Prepared: 06/29/22 Analyzed: 07/05/22

Gasoline Range Organics (C6-C10)	60.4	20.0	50.0		121	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS Dup (2227083-BSD2)

Prepared: 06/29/22 Analyzed: 07/05/22

Gasoline Range Organics (C6-C10)	60.8	20.0	50.0		122	70-130	0.559	20	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 1:51:02PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227111-BLK1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	54.4		50.0		109	50-200			

LCS (2227111-BS1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	289	25.0	500		57.8	38-132			
Surrogate: <i>n</i> -Nonane	65.0		50.0		130	50-200			

Matrix Spike (2227111-MS1)

Source: E206222-04

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	528	25.0	500	ND	106	38-132			
Surrogate: <i>n</i> -Nonane	67.4		50.0		135	50-200			

Matrix Spike Dup (2227111-MSD1)

Source: E206222-04

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	510	25.0	500	ND	102	38-132	3.33	20	
Surrogate: <i>n</i> -Nonane	63.9		50.0		128	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 1:51:02PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227121-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227121-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	258	20.0	250		103	90-110			
LCS Dup (2227121-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	260	20.0	250		104	90-110	0.498	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 13:51

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RRR ☐ Superfund ☐
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	TRR ☐ Level IV ☐
Deliverables: EDD	☐	ADaPT ☐	Other: ☐

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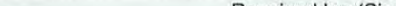
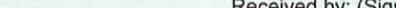
Work Order No. 5206219 ^{E2062226/29/22} ^{CC}
Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RRC
State of Project:	☐ Superfund		
Reporting: Level II	☐ Level III	☐ ST/UST	TRRP
Deliverables: EDD	☐ ADaPT	☐ Level IV	
		Other:	

[illegible][illegible]

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6.28.22		6.28.22
	6.28.22		6/29/22 7:10

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:24:34PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206222
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:13	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206223

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206223
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 16:05
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-380 (5.5')	E206223-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-381 (5.5')	E206223-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-382 (5.5')	E206223-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-383 (5.5')	E206223-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-384 (5.5')	E206223-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-385 (5.5')	E206223-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-386 (5.5')	E206223-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-387 (7')	E206223-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-388 (7')	E206223-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-389 (7')	E206223-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-390 (5.5')	E206223-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-391 (5.5')	E206223-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-392 (5.5')	E206223-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-393 (5.5')	E206223-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-394 (5.5')	E206223-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-395 (5.5')	E206223-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-396 (5.5')	E206223-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-397 (7')	E206223-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-398 (7')	E206223-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-399 (7')	E206223-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 4:05:37PM
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CS-380 (5.5')

E206223-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2227084	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	91.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2227084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.1 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227112	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>	122 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227122	
Chloride	114	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-381 (5.5')

E206223-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	37.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-382 (5.5')

E206223-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	34.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-383 (5.5')

E206223-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	132 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	38.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-384 (5.5')

E206223-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	30.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-385 (5.5')

E206223-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	133 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	32.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-386 (5.5')

E206223-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.1 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	26.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-387 (7')

E206223-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	37.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-388 (7')

E206223-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	131 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	27.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-389 (7')

E206223-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	123 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	38.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-390 (5.5')

E206223-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	123 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	33.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-391 (5.5')

E206223-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	31.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-392 (5.5')

E206223-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	108	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-393 (5.5')

E206223-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	53.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-394 (5.5')

E206223-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	31.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-395 (5.5')

E206223-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	59.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-396 (5.5')

E206223-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	125 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	36.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-397 (7')

E206223-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	123 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	85.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-398 (7')

E206223-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	30.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-399 (7')

E206223-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	147	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 4:05:37PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227084-BLK1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.20		8.00		90.0	70-130			

LCS (2227084-BS1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	5.09	0.0250	5.00		102	70-130			
Ethylbenzene	4.50	0.0250	5.00		90.0	70-130			
Toluene	4.81	0.0250	5.00		96.2	70-130			
o-Xylene	4.66	0.0250	5.00		93.2	70-130			
p,m-Xylene	9.25	0.0500	10.0		92.5	70-130			
Total Xylenes	13.9	0.0250	15.0		92.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.27		8.00		90.9	70-130			

LCS Dup (2227084-BSD1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	5.23	0.0250	5.00		105	70-130	2.72	20	
Ethylbenzene	4.61	0.0250	5.00		92.2	70-130	2.47	20	
Toluene	4.94	0.0250	5.00		98.9	70-130	2.76	20	
o-Xylene	4.79	0.0250	5.00		95.7	70-130	2.65	20	
p,m-Xylene	9.48	0.0500	10.0		94.8	70-130	2.43	20	
Total Xylenes	14.3	0.0250	15.0		95.1	70-130	2.51	20	
Surrogate: 4-Bromochlorobenzene-PID	7.23		8.00		90.4	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 4:05:37PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227084-BLK1)

Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

LCS (2227084-BS2)

Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			

LCS Dup (2227084-BSD2)

Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130	5.88	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.6	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 4:05:37PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227112-BLK1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	61.3		50.0		123	50-200			

LCS (2227112-BS1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	518	25.0	500		104	38-132			
Surrogate: <i>n</i> -Nonane	60.4		50.0		121	50-200			

Matrix Spike (2227112-MS1)

Source: E206223-08

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	515	25.0	500	ND	103	38-132			
Surrogate: <i>n</i> -Nonane	61.7		50.0		123	50-200			

Matrix Spike Dup (2227112-MSD1)

Source: E206223-08

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	532	25.0	500	ND	106	38-132	3.22	20	
Surrogate: <i>n</i> -Nonane	63.8		50.0		128	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 4:05:37PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227122-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227122-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	256	20.0	250		102	90-110			
LCS Dup (2227122-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	249	20.0	250		99.4	90-110	2.97	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.

Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 16:05

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RF ☐ Sur ☐ fund ☐
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	TR ☒ ☐ el IV ☐
Deliverables: EDD	☐	ADaPT ☐	Other: ☐

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Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RF ☐ Sur ☐ fund
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	TR ☐ P ☐ L ☐ el IV ☐
Deliverables: EDD	☐	ADaPT ☐	Other:

[illegible]Page 32 of 33

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:29:10PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206223
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:14	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

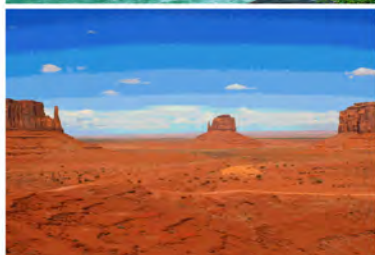
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206224

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206224
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Rayny Hagan
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 16:30
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-400 (5.5')	E206224-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-401 (5.5')	E206224-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-402 (5.5')	E206224-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-403 (5.5')	E206224-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-404 (5.5')	E206224-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-405 (5.5')	E206224-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-406 (5.5')	E206224-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-407 (5.5')	E206224-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-408 (5.5')	E206224-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-409 (5.5')	E206224-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-410 (5.5')	E206224-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-411 (5.5')	E206224-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-412 (5.5')	E206224-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-413 (5.5')	E206224-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-414 (5.5')	E206224-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-415 (5.5')	E206224-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-416 (5.5')	E206224-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-417 (5.5')	E206224-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-418 (5.5')	E206224-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-419 (5.5')	E206224-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 4:30:49PM
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CS-400 (5.5')

E206224-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2227085	
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: 4-Bromochlorobenzene-PID	89.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2227085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227114	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	118 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227123	
Chloride	38.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-401 (5.5')

E206224-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	46.1	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-402 (5.5')

E206224-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	123 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	37.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-403 (5.5')

E206224-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	52.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-404 (5.5')

E206224-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	136 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	33.2	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-405 (5.5')

E206224-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	58.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-406 (5.5')

E206224-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	37.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-407 (5.5')

E206224-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	34.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-408 (5.5')

E206224-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	34.1	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-409 (5.5')

E206224-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	32.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-410 (5.5')

E206224-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	30.9	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-411 (5.5')

E206224-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	29.5	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-412 (5.5')

E206224-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	35.2	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-413 (5.5')

E206224-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	33.5	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-414 (5.5')

E206224-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	130 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	34.9	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-415 (5.5')

E206224-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	29.5	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-416 (5.5')

E206224-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	28.4	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-417 (5.5')

E206224-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	25.8	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-418 (5.5')

E206224-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	42.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-419 (5.5')

E206224-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	36.0	20.0	1	06/30/22	07/02/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 4:30:49PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227085-BLK1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.11		8.00		88.8	70-130			

LCS (2227085-BS1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	4.85	0.0250	5.00		97.0	70-130			
Ethylbenzene	4.27	0.0250	5.00		85.5	70-130			
Toluene	4.58	0.0250	5.00		91.5	70-130			
o-Xylene	4.44	0.0250	5.00		88.8	70-130			
p,m-Xylene	8.80	0.0500	10.0		88.0	70-130			
Total Xylenes	13.2	0.0250	15.0		88.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.25		8.00		90.6	70-130			

LCS Dup (2227085-BSD1)

Prepared: 06/29/22 Analyzed: 07/06/22

Benzene	5.29	0.0250	5.00		106	70-130	8.70	20	
Ethylbenzene	4.72	0.0250	5.00		94.4	70-130	9.91	20	
Toluene	5.02	0.0250	5.00		100	70-130	9.21	20	
o-Xylene	4.88	0.0250	5.00		97.7	70-130	9.51	20	
p,m-Xylene	9.75	0.0500	10.0		97.5	70-130	10.2	20	
Total Xylenes	14.6	0.0250	15.0		97.5	70-130	9.95	20	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 4:30:49PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227085-BLK1) Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			

LCS (2227085-BS2) Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	45.3	20.0	50.0		90.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			

LCS Dup (2227085-BSD2) Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130	5.53	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 4:30:49PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227114-BLK1)

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	57.4		50.0		115	50-200			

LCS (2227114-BS1)

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	573	25.0	500		115	38-132			
Surrogate: <i>n</i> -Nonane	62.7		50.0		125	50-200			

Matrix Spike (2227114-MS1)

Source: E206224-14

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	564	25.0	500	ND	113	38-132			
Surrogate: <i>n</i> -Nonane	59.1		50.0		118	50-200			

Matrix Spike Dup (2227114-MSD1)

Source: E206224-14

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	536	25.0	500	ND	107	38-132	5.02	20	
Surrogate: <i>n</i> -Nonane	58.3		50.0		117	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 4:30:49PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227123-BLK1)					Prepared: 06/30/22 Analyzed: 07/02/22				
Chloride	ND	20.0							
LCS (2227123-BS1)					Prepared: 06/30/22 Analyzed: 07/02/22				
Chloride	256	20.0	250		103	90-110			
LCS Dup (2227123-BSD1)					Prepared: 06/30/22 Analyzed: 07/02/22				
Chloride	259	20.0	250		104	90-110	1.17	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.

Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 16:30

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E2010224
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST														Preservative Codes					
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O					
Project Location		Eddy Co, NM		Due Date:		24HRS		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0														Cool: Cool MeOH: Me			
Sampler's Name:		CM																				HCL: HC HNO ₃ : HN			
PO #:																						H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:																☒ Yes ☐ No		H ₃ PO ₄ : HP	
Received Intact:		☒ Yes ☐ No		Thermometer ID:																		NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃																	
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4		Zn Acetate+NaOH: Zn																	
Total Containers:				Corrected Temperature:				NaOH+Ascorbic Acid: SAPC																	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	HOLD														Sample Comments				
CS-400 (5.5')	6/23/2022		X		C	1	X	X	X																
CS-401 (5.5')	6/23/2022		X		C	1	X	X	X																
CS-402 (5.5')	6/23/2022		X		C	1	X	X	X																
CS-403 (5.5')	6/23/2022		X		C	1	X	X	X																
CS-404 (5.5')	6/23/2022		X		C	1	X	X	X																
CS-405 (5.5')	6/23/2022		X		C	1	X	X	X																
CS-406 (5.5')	6/23/2022		X		C	1	X	X	X																
CS-407 (5.5')	6/23/2022		X		C	1	X	X	X																
CS-408 (5.5')	6/23/2022		X		C	1	X	X	X																
CS-409 (5.5')	6/23/2022		X		C	1	X	X	X																

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	
				6-28-22						6-28-22	
				6-28-22						6/29/22 7:10	

Chain of Custody

Work Order No: E206224
Job # 22010-0001

Page 38 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	☐ RRC
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	☐ TRRP
Deliverables: EDD	☐ ADaPT	Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST												Preservative Codes									
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code												None: NO DI Water: H ₂ O									
Project Location		Eddy Co, NM		Due Date:		24HRS		HOLD												Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-410 (5.5')		6/23/2022				X				C		1		X X X													
CS-411 (5.5')		6/23/2022				X				C		1		X X X													
CS-412 (5.5')		6/23/2022				X				C		1		X X X													
CS-413 (5.5')		6/23/2022				X				C		1		X X X													
CS-414 (5.5')		6/23/2022				X				C		1		X X X													
CS-415 (9')		6/23/2022				X				C		1		X X X													
CS-416 (9')		6/23/2022				X				C		1		X X X													
CS-417 (5.5')		6/23/2022				X				C		1		X X X													
CS-418 (5.5')		6/23/2022				X				C		1		X X X													
CS-419 (5.5')		6/23/2022				X				C		1		X X X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22				6/29/22 7:10	

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:32:44PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206224
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:14	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206225

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206225
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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CS-421 (5.5')	7
CS-422 (5.5')	8
CS-423 (5.5')	9
CS-424 (5.5')	10
CS-425 (5.5')	11
CS-426 (5.5')	12
CS-427 (5.5')	13
CS-428 (5.5')	14
CS-429 (5.5')	15
SW-1	16
SW-2	17
SW-3	18
SW-4	19
SW-5	20
SW-6	21
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SW-8	23
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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 15:26
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-420 (5.5')	E206225-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-421 (5.5')	E206225-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-422 (5.5')	E206225-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-423 (5.5')	E206225-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-424 (5.5')	E206225-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-425 (5.5')	E206225-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-426 (5.5')	E206225-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-427 (5.5')	E206225-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-428 (5.5')	E206225-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-429 (5.5')	E206225-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-1	E206225-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-2	E206225-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-3	E206225-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-4	E206225-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-5	E206225-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-6	E206225-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-7	E206225-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-8	E206225-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-9	E206225-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-10	E206225-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:26:21PM
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CS-420 (5.5')

E206225-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2227101	
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.0 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2227101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227115	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>	109 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227125	
Chloride	41.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-421 (5.5')

E206225-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	112	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-422 (5.5')

E206225-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	97.3 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	31.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-423 (5.5')

E206225-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	98.9 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	43.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-424 (5.5')

E206225-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	182	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-425 (5.5')

E206225-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	99.3 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	116	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-426 (5.5')

E206225-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2227101	
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.8 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2227101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.9 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227115	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>	105 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227125	
Chloride	24.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-427 (5.5')

E206225-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.0 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	38.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-428 (5.5')

E206225-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.1 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	47.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-429 (5.5')

E206225-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.9 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	98.3 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	75.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-1

E206225-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.6 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.3 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	200 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	22.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-2

E206225-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2227101	
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	84.5 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2227101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	80.5 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227115	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>	91.2 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227125	
Chloride	37.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-3

E206225-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.9 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.4 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	99.2 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	39.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-4

E206225-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.1 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.6 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	95.3 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	40.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-5

E206225-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2227101	
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.0 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2227101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.3 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227115	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227125	
Chloride	40.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-6

E206225-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.7 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.0 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	41.8	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-7

E206225-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.5 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.5 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	85.2 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	62.5	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-8

E206225-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	86.5 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	46.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-9

E206225-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.5 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.6 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	90.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	53.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-10

E206225-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.5 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.5 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	86.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	ND	20.0	1	06/30/22	07/02/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:26:21PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227101-BLK1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.19		8.00		89.9	70-130			

LCS (2227101-BS1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	5.37	0.0250	5.00		107	70-130			
Ethylbenzene	4.71	0.0250	5.00		94.2	70-130			
Toluene	5.06	0.0250	5.00		101	70-130			
o-Xylene	4.90	0.0250	5.00		97.9	70-130			
p,m-Xylene	9.67	0.0500	10.0		96.7	70-130			
Total Xylenes	14.6	0.0250	15.0		97.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.6	70-130			

LCS Dup (2227101-BSD1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	5.16	0.0250	5.00		103	70-130	4.03	20	
Ethylbenzene	4.55	0.0250	5.00		90.9	70-130	3.51	20	
Toluene	4.88	0.0250	5.00		97.5	70-130	3.72	20	
o-Xylene	4.73	0.0250	5.00		94.6	70-130	3.38	20	
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130	3.40	20	
Total Xylenes	14.1	0.0250	15.0		93.9	70-130	3.39	20	
Surrogate: 4-Bromochlorobenzene-PID	7.39		8.00		92.4	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:26:21PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227101-BLK1)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			

LCS (2227101-BS2)

Prepared: 06/30/22 Analyzed: 07/04/22

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.6	70-130			

LCS Dup (2227101-BSD2)

Prepared: 06/30/22 Analyzed: 07/04/22

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.8	70-130	3.87	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:26:21PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227115-BLK1)

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.2		50.0		102	50-200			

LCS (2227115-BS1)

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	470	25.0	500		94.1	38-132			
Surrogate: n-Nonane	46.7		50.0		93.4	50-200			

Matrix Spike (2227115-MS1)

Source: E206225-09

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	471	25.0	500	ND	94.2	38-132			
Surrogate: n-Nonane	44.6		50.0		89.1	50-200			

Matrix Spike Dup (2227115-MSD1)

Source: E206225-09

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	468	25.0	500	ND	93.7	38-132	0.611	20	
Surrogate: n-Nonane	45.0		50.0		90.0	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 3:26:21PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227125-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227125-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	251	20.0	250		101	90-110			
LCS Dup (2227125-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	252	20.0	250		101	90-110	0.302	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 15:26

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E206225
Job # 22010-0001

Page 39 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ perfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No				Thermometer ID:																NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A				Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A				Temperature Reading:		4														Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-420 (5.5')		6/23/2022				X				C		1		X X X													
CS-421(5.5')		6/23/2022				X				C		1		X X X													
CS-422 (5.5')		6/23/2022				X				C		1		X X X													
CS-423 (5.5')		6/23/2022				X				C		1		X X X													
CS-424 (5.5')		6/23/2022				X				C		1		X X X													
CS-425 (5.5')		6/23/2022				X				C		1		X X X													
CS-426 (5.5')		6/23/2022				X				C		1		X X X													
CS-427 (5.5')		6/23/2022				X				C		1		X X X													
CS-428 (5.5')		6/23/2022				X				C		1		X X X													
CS-429 (5.5')		6/23/2022				X				C		1		X X X													

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22				6/29/22 T:10	

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Received by OCD: 10/26/2022 2:20:28 PM

Received by OCD: 10/26/2022 2:20:28 PM

Received by OCD: 10/26/2022 2:20:28 PM

Received by OCD: 10/26/2022 2:20:28 PM

Received by OCD: 10/26/2022 2:20:28 PM

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:51:53PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206225
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:14	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

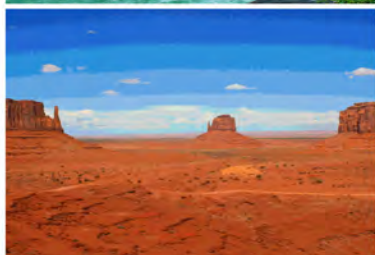
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206226

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/5/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206226
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/05/22 16:08
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-11	E206226-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-12	E206226-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-13	E206226-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-14	E206226-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-15	E206226-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-16	E206226-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-17	E206226-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-18	E206226-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-19	E206226-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-20	E206226-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-21	E206226-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-22	E206226-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-23	E206226-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-24	E206226-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-25	E206226-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-26	E206226-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-27	E206226-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-28	E206226-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-29	E206226-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-30	E206226-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 4:08:38PM
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SW-11

E206226-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	80.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227116	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>	84.8 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227126	
Chloride	70.9	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-12

E206226-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.7 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	83.9 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	101	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-13

E206226-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.6 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	88.6 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	67.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-14

E206226-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	91.8 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	26.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-15

E206226-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	91.1 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	47.5	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-16

E206226-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	85.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	67.8	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-17

E206226-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.7 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	90.9 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	66.7	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-18

E206226-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	88.3 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	286	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-19

E206226-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.0 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.9 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	89.5 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	171	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-20

E206226-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227116	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	89.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227126	
Chloride	149	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-21

E206226-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.2 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	87.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	162	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-22

E206226-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.9 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.2 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	91.8 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	161	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-23

E206226-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.4 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.9 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	157	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-24

E206226-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.7 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227116	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	93.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227126	
Chloride	21.3	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-25

E206226-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	79.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.6 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227116	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227126	
Chloride	22.9	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-26

E206226-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.0 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.6 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	93.5 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	102	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-27

E206226-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	79.0 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.4 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	95.1 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	122	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-28

E206226-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.4 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	91.9 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	50.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-29

E206226-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.2 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.9 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	89.0 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	51.7	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-30

E206226-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.5 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	89.6 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	ND	20.0	1	06/30/22	07/02/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 4:08:38PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227102-BLK1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.57		8.00		82.1	70-130			

LCS (2227102-BS1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	5.78	0.0250	5.00		116	70-130			
Ethylbenzene	5.52	0.0250	5.00		110	70-130			
Toluene	6.03	0.0250	5.00		121	70-130			
o-Xylene	5.40	0.0250	5.00		108	70-130			
p,m-Xylene	11.2	0.0500	10.0		112	70-130			
Total Xylenes	16.6	0.0250	15.0		111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.65		8.00		83.1	70-130			

LCS Dup (2227102-BSD1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	5.94	0.0250	5.00		119	70-130	2.68	20	
Ethylbenzene	5.68	0.0250	5.00		114	70-130	2.73	20	
Toluene	6.15	0.0250	5.00		123	70-130	1.94	20	
o-Xylene	5.55	0.0250	5.00		111	70-130	2.72	20	
p,m-Xylene	11.5	0.0500	10.0		115	70-130	2.49	20	
Total Xylenes	17.0	0.0250	15.0		113	70-130	2.56	20	
Surrogate: 4-Bromochlorobenzene-PID	6.69		8.00		83.6	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 4:08:38PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227102-BLK1)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.41		8.00		80.1	70-130			

LCS (2227102-BS2)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	39.3	20.0	50.0		78.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.41		8.00		80.1	70-130			

LCS Dup (2227102-BSD2)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	42.0	20.0	50.0		83.9	70-130	6.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.40		8.00		80.1	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 4:08:38PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227116-BLK1) Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.8		50.0		95.7	50-200			

LCS (2227116-BS1) Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	463	25.0	500		92.7	38-132			
Surrogate: n-Nonane	50.9		50.0		102	50-200			

Matrix Spike (2227116-MS1) Source: E206226-15 Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	476	25.0	500	ND	95.2	38-132			
Surrogate: n-Nonane	51.7		50.0		103	50-200			

Matrix Spike Dup (2227116-MSD1) Source: E206226-15 Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	473	25.0	500	ND	94.6	38-132	0.603	20	
Surrogate: n-Nonane	50.4		50.0		101	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 4:08:38PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227126-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227126-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	248	20.0	250		99.1	90-110			
LCS Dup (2227126-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	249	20.0	250		99.6	90-110	0.454	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.

Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/05/22 16:08

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E20102210
Job # 22010-0001Page 41 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ Fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRF ☐ L ☐ I ☐ IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST										Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code												None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS												Cool: Cool MeOH: Me							
Sampler's Name:		CM																HCL: HC HNO ₃ : HN							
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No												H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4												Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
SW-11		6/23/2022				X				C		1		X X X											
SW-12		6/23/2022				X				C		1		X X X											
SW-13		6/23/2022				X				C		1		X X X											
SW-14		6/23/2022				X				C		1		X X X											
SW-15		6/23/2022				X				C		1		X X X											
SW-16		6/23/2022				X				C		1		X X X											
SW-17		6/23/2022				X				C		1		X X X											
SW-18		6/23/2022				X				C		1		X X X											
SW-19		6/23/2022				X				C		1		X X X											
SW-20		6/23/2022				X				C		1		X X X											

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	
				6-28-22						6-28-22	
				6-28-22						6/29/22 T-10	

6/29/22 CE

Chain of Custody

Work Order No: E204226
Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting: Level II	☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD	☐ ADaPT ☐ Other:

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST												Preservative Codes									
Project Number:		1080		☐ Routine ☒ Rush														None: NO DI Water: H ₂ O									
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																HCL: HC HNO ₃ : HN									
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-21		6/23/2022				X				C		1		X X X													
SW-22		6/23/2022				X				C		1		X X X													
SW-23		6/23/2022				X				C		1		X X X													
SW-24		6/23/2022				X				C		1		X X X													
SW-25		6/23/2022				X				C		1		X X X													
SW-26		6/23/2022				X				C		1		X X X													
SW-27		6/23/2022				X				C		1		X X X													
SW-28		6/23/2022				X				C		1		X X X													
SW-29		6/23/2022				X				C		1		X X X													
SW-30		6/23/2022				X				C		1		X X X													

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	
<u>Nike</u>				6-28-22		<u>Paula</u>				6-28-22	
<u>Day</u>				6-28-22		<u>Chute</u>				6/29/22 7:10	

Released to Imaging: 7/22/2026 1:33:18 PM

Received by OCD: 10/26/2022 2:20:28 PM

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:58:10PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206226
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:14	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206227

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206227
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 18:18
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-31	E206227-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-32	E206227-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-33	E206227-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-34	E206227-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-35	E206227-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-36	E206227-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-37	E206227-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-38	E206227-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-39	E206227-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-40	E206227-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-41	E206227-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-42	E206227-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-43	E206227-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-44	E206227-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-45	E206227-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-46	E206227-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-47	E206227-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-48	E206227-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-49	E206227-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-50	E206227-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 6:18:53PM
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SW-31

E206227-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	113 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	304	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-32

E206227-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	95.0 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	95.0 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	122 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	400	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-33

E206227-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	106 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	26.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-34

E206227-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	113 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	32.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-35

E206227-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	93.2 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	93.2 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	112 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	28.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-36

E206227-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	95.2 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	95.2 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	112 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	66.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-37

E206227-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	111 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	75.9	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-38

E206227-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	103 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	28.1	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-39

E206227-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.7 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.7 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	90.4 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	27.4	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-40

E206227-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	92.1 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	355	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-41

E206227-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	90.0 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	20.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-42

E206227-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	91.4 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	82.8	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-43

E206227-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	91.8 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	91.8 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	88.4 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	120	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-44

E206227-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	92.4 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	199	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-45

E206227-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.0 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.0 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	89.5 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	ND	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-46

E206227-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	90.9 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	173	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-47

E206227-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.1 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.7 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.1 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.7 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	89.4 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	218	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-48

E206227-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	84.1 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	122	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-49

E206227-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	91.9 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	ND	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-50

E206227-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	91.5 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	27.2	20.0	1	06/30/22	07/02/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 6:18:53PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227103-BLK1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.470		0.500		93.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.6	70-130			

LCS (2227103-BS1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	2.53	0.0250	2.50		101	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.55	0.0250	2.50		102	70-130			
o-Xylene	2.69	0.0250	2.50		108	70-130			
p,m-Xylene	5.23	0.0500	5.00		105	70-130			
Total Xylenes	7.93	0.0250	7.50		106	70-130			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

LCS Dup (2227103-BSD1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	2.59	0.0250	2.50		104	70-130	2.58	23	
Ethylbenzene	2.69	0.0250	2.50		108	70-130	4.16	27	
Toluene	2.65	0.0250	2.50		106	70-130	3.96	24	
o-Xylene	2.80	0.0250	2.50		112	70-130	3.72	27	
p,m-Xylene	5.48	0.0500	5.00		109	70-130	4.52	27	
Total Xylenes	8.27	0.0250	7.50		110	70-130	4.25	27	
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.5	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 6:18:53PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD % %	RPD Limit %	Notes
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Blank (2227103-BLK1)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.470		0.500		93.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.6	70-130			

LCS (2227103-BS2)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

LCS Dup (2227103-BSD2)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.7	70-130	0.953	20	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 6:18:53PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227117-BLK1)

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	55.6		50.0		111	50-200			

LCS (2227117-BS1)

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	551	25.0	500		110	38-132			
Surrogate: <i>n</i> -Nonane	59.9		50.0		120	50-200			

Matrix Spike (2227117-MS1)

Source: E206227-19

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	517	25.0	500	ND	103	38-132			
Surrogate: <i>n</i> -Nonane	53.6		50.0		107	50-200			

Matrix Spike Dup (2227117-MSD1)

Source: E206227-19

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	559	25.0	500	ND	112	38-132	7.74	20	
Surrogate: <i>n</i> -Nonane	55.4		50.0		111	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 6:18:53PM
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Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227127-BLK1)

Prepared: 06/30/22 Analyzed: 07/01/22

Chloride ND 20.0

LCS (2227127-BS1)

Prepared: 06/30/22 Analyzed: 07/01/22

Chloride 254 20.0 250 101 90-110

LCS Dup (2227127-BSD1)

Prepared: 06/30/22 Analyzed: 07/01/22

Chloride 258 20.0 250 103 90-110 1.63 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 18:18

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page 43 of 46

Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RR ☐ Superfund ☐
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	TRR ☐ Lead IV ☐
Deliverables: EDD	☐	ADaPT	☐ Other: ☐

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Page 31 of 33

Chain of Custody

Work Order No: E200227
 Job # 22010-0001

Page 44 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ Fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRF ☐ L ☐ BI IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST										Preservative Codes		
Project Number:	1080	☐ Routine ☒ Rush		Pres. Code													None: NO	DI Water: H ₂ O		
Project Location	Eddy Co, NM	Due Date:	24HRS	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD									Cool: Cool	MeOH: Me		
Sampler's Name:	CM																HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes No														Wet Ice:	☒ Yes ☐ No	H ₃ PO ₄ : HP	
Received Intact:	☒ Yes ☐ No	Thermometer ID:																	NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃														
Sample Custody Seals:	Yes No N/A	Temperature Reading:		4		Zn Acetate+NaOH: Zn														
Total Containers:		Corrected Temperature:				NaOH+Ascorbic Acid: SAPC														
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
SW-41	6/23/2022		X		C	1	X	X	X											
SW-42	6/23/2022		X		C	1	X	X	X											
SW-43	6/23/2022		X		C	1	X	X	X											
SW-44	6/23/2022		X		C	1	X	X	X											
SW-45	6/23/2022		X		C	1	X	X	X											
SW-46	6/23/2022		X		C	1	X	X	X											
SW-47	6/23/2022		X		C	1	X	X	X											
SW-48	6/23/2022		X		C	1	X	X	X											
SW-49	6/23/2022		X		C	1	X	X	X											
SW-50	6/23/2022		X		C	1	X	X	X											

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22				6-28-22 7:10	

Envirotech Analytical Laboratory

Printed: 6/29/2022 3:02:00PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206227
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:15	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206228

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206228
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 17:07
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-51	E206228-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-52	E206228-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-53	E206228-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-54	E206228-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-55	E206228-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-56	E206228-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-57	E206228-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-58	E206228-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-59	E206228-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-61	E206228-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-62	E206228-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-63	E206228-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-64	E206228-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-65	E206228-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-66	E206228-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-67	E206228-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-68	E206228-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-69	E206228-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 5:07:01PM
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SW-51

E206228-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: Bromofluorobenzene</i>	95.4 %	70-130		06/30/22	07/04/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	102 %	70-130		06/30/22	07/04/22	
<i>Surrogate: Toluene-d8</i>	93.9 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: Bromofluorobenzene</i>	95.4 %	70-130		06/30/22	07/04/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	102 %	70-130		06/30/22	07/04/22	
<i>Surrogate: Toluene-d8</i>	93.9 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>	116 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	103	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-52

E206228-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	121 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	316	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-53

E206228-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	136 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	287	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-54

E206228-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	114 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	25.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-55

E206228-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	116 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	37.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-56

E206228-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	114 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	42.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-57

E206228-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	41.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-58

E206228-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	113 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	36.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-59

E206228-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	118 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	33.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-61

E206228-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/06/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/06/22	
Toluene	ND	0.0250	1	06/30/22	07/06/22	
o-Xylene	ND	0.0250	1	06/30/22	07/06/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/06/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	117 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	32.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-62

E206228-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/06/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/06/22	
Toluene	ND	0.0250	1	06/30/22	07/06/22	
o-Xylene	ND	0.0250	1	06/30/22	07/06/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/06/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	125 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	34.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-63

E206228-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/06/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/06/22	
Toluene	ND	0.0250	1	06/30/22	07/06/22	
o-Xylene	ND	0.0250	1	06/30/22	07/06/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/06/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	93.2 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	93.2 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	38.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-64

E206228-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/06/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/06/22	
Toluene	ND	0.0250	1	06/30/22	07/06/22	
o-Xylene	ND	0.0250	1	06/30/22	07/06/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/06/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	93.3 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	93.3 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	116 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	34.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-65

E206228-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.5 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.5 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	124 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	32.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-66

E206228-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	90.7 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	91.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	90.7 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	91.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	127 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	ND	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-67

E206228-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.6 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.0 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.6 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.0 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	117 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	33.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-68

E206228-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.4 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.5 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.4 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.5 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	121 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	34.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-69

E206228-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	122 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	33.7	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 5:07:01PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227104-BLK1)

Prepared: 06/30/22 Analyzed: 07/04/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.461		0.500		92.2	70-130			

LCS (2227104-BS1)

Prepared: 06/30/22 Analyzed: 07/04/22

Benzene	2.61	0.0250	2.50		105	70-130			
Ethylbenzene	2.64	0.0250	2.50		106	70-130			
Toluene	2.58	0.0250	2.50		103	70-130			
o-Xylene	2.77	0.0250	2.50		111	70-130			
p,m-Xylene	5.36	0.0500	5.00		107	70-130			
Total Xylenes	8.12	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS Dup (2227104-BSD1)

Prepared: 06/30/22 Analyzed: 07/04/22

Benzene	2.63	0.0250	2.50		105	70-130	0.515	23	
Ethylbenzene	2.69	0.0250	2.50		108	70-130	1.73	27	
Toluene	2.63	0.0250	2.50		105	70-130	2.11	24	
o-Xylene	2.80	0.0250	2.50		112	70-130	1.33	27	
p,m-Xylene	5.47	0.0500	5.00		109	70-130	2.07	27	
Total Xylenes	8.27	0.0250	7.50		110	70-130	1.82	27	
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 5:07:01PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227104-BLK1)

Prepared: 06/30/22 Analyzed: 07/04/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.461		0.500		92.2	70-130			

LCS (2227104-BS2)

Prepared: 06/30/22 Analyzed: 07/04/22

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.8	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			

LCS Dup (2227104-BSD2)

Prepared: 06/30/22 Analyzed: 07/04/22

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.1	70-130	1.43	20	
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 5:07:01PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227118-BLK1)

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	58.5		50.0		117	50-200			

LCS (2227118-BS1)

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	487	25.0	500		97.5	38-132			
Surrogate: <i>n</i> -Nonane	55.5		50.0		111	50-200			

Matrix Spike (2227118-MS1)

Source: E206228-02

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	526	25.0	500	ND	105	38-132			
Surrogate: <i>n</i> -Nonane	59.9		50.0		120	50-200			

Matrix Spike Dup (2227118-MSD1)

Source: E206228-02

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	486	25.0	500	ND	97.2	38-132	7.79	20	
Surrogate: <i>n</i> -Nonane	55.8		50.0		112	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 5:07:01PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227128-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227128-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2227128-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	256	20.0	250		102	90-110	1.11	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 17:07

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E206228
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Le ☐ IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-51		6/23/2022				X				C		1		X X X													
SW-52		6/23/2022				X				C		1		X X X													
SW-53		6/23/2022				X				C		1		X X X													
SW-54		6/23/2022				X				C		1		X X X													
SW-55		6/23/2022				X				C		1		X X X													
SW-56		6/23/2022				X				C		1		X X X													
SW-57		6/23/2022				X				C		1		X X X													
SW-58		6/23/2022				X				C		1		X X X													
SW-59		6/23/2022				X				C		1		X X X													
SW-60		6/23/2022				X				C		1		X X X												Sample not recieved	

6/29/22 CC

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Mike C</i>		6-28-22		<i>Heriberto Gayton</i>		6-28-22	
<i>Day</i>		6-28-22		<i>Heriberto Gayton</i>		6/29/22 7:00	

Chain of Custody

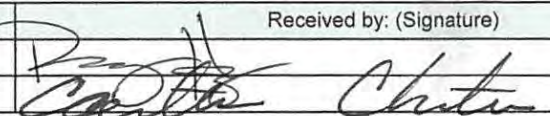
Work Order No: E2010228
Job # 22010-0001Page 46 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hqaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes								
Project Number:		1080		☐ Routine ☒ Rush																			None: NO DI Water: H ₂ O								
Project Location		Eddy Co, NM		Due Date:		24HRS		Parameters																	Cool: Cool MeOH: Me						
Sampler's Name:		CM																							HCL: HC HNO ₃ : HN						
PO #:																									H ₂ SO ₄ : H ₂ NaOH: Na						
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:			Yes No																		H ₃ PO ₄ : HP				
Received Intact:		Yes No				Thermometer ID:																				NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A				Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A				Temperature Reading:																				Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
SW-61		6/23/2022				X				C		1		X X X																	
SW-62		6/23/2022				X				C		1		X X X																	
SW-63		6/23/2022				X				C		1		X X X																	
SW-64		6/23/2022				X				C		1		X X X																	
SW-65		6/23/2022				X				C		1		X X X																	
SW-66		6/23/2022				X				C		1		X X X																	
SW-67		6/23/2022				X				C		1		X X X																	
SW-68		6/23/2022				X				C		1		X X X																	
SW-69		6/23/2022				X				C		1		X X X																	

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6/28/22 6-28-22				6-28-22 6/29/22 7:10	

Envirotech Analytical Laboratory

Printed: 6/29/2022 3:20:11PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206228
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:15	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC. Sample SW-60 was not received.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: PLU 423 South Frac Pond

Work Order: E207160

Job Number: 22010-0001

Received: 7/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/26/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/26/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: PLU 423 South Frac Pond
Workorder: E207160
Date Received: 7/23/2022 11:30:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2022 11:30:00AM, under the Project Name: PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Rayny Hagan
Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
07/26/22 15:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-71	E207160-01A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-72	E207160-02A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-73	E207160-03A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-74	E207160-04A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-75	E207160-05A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-76	E207160-06A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-77	E207160-07A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-78	E207160-08A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-79	E207160-09A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-80	E207160-10A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-81	E207160-11A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-82	E207160-12A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-83	E207160-13A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-84	E207160-14A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-85	E207160-15A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-86	E207160-16A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-87	E207160-17A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-88	E207160-18A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-89	E207160-19A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-90	E207160-20A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-71

E207160-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		115 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		112 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		87.9 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	72.3	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-72

E207160-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		117 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		95.2 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	72.4	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-73

E207160-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		116 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		120 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		95.5 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	29.7	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-74

E207160-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		116 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		120 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		94.7 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	238	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-75

E207160-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		118 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		119 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		93.4 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	89.3	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-76

E207160-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	65.2	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-77

E207160-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	76.4 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-78

E207160-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	78.8 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	160	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-79

E207160-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	78.5 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	62.9	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-80

E207160-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	80.8 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	202	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-81

E207160-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	72.7 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	216	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-82

E207160-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	76.3 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	228	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-83

E207160-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	73.6 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	47.9	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-84

E207160-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231006
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	77.4 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231004
Chloride	237	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-85

E207160-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.0 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.0 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>	77.2 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	38.8	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-86

E207160-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	78.5 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	341	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-87

E207160-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	78.8 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	51.2	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-88

E207160-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	73.5 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	209	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-89

E207160-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	78.0 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	152	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-90

E207160-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	77.8 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	44.3	20.0	1	07/24/22	07/25/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 3:33:48PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230107-BLK1)

Prepared: 07/23/22 Analyzed: 07/25/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	9.04		8.00		113	70-130			

LCS (2230107-BS1)

Prepared: 07/23/22 Analyzed: 07/25/22

Benzene	4.41	0.0250	5.00		88.2	70-130			
Ethylbenzene	4.37	0.0250	5.00		87.3	70-130			
Toluene	4.45	0.0250	5.00		89.0	70-130			
o-Xylene	4.52	0.0250	5.00		90.4	70-130			
p,m-Xylene	8.91	0.0500	10.0		89.1	70-130			
Total Xylenes	13.4	0.0250	15.0		89.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.83		8.00		110	70-130			

LCS Dup (2230107-BSD1)

Prepared: 07/23/22 Analyzed: 07/25/22

Benzene	4.52	0.0250	5.00		90.3	70-130	2.41	20	
Ethylbenzene	4.47	0.0250	5.00		89.4	70-130	2.38	20	
Toluene	4.56	0.0250	5.00		91.2	70-130	2.41	20	
o-Xylene	4.63	0.0250	5.00		92.6	70-130	2.39	20	
p,m-Xylene	9.12	0.0500	10.0		91.2	70-130	2.34	20	
Total Xylenes	13.7	0.0250	15.0		91.6	70-130	2.36	20	
Surrogate: 4-Bromochlorobenzene-PID	8.80		8.00		110	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 3:33:48PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230107-BLK1)

Prepared: 07/23/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.75		8.00		109	70-130			

LCS (2230107-BS2)

Prepared: 07/23/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.94		8.00		112	70-130			

LCS Dup (2230107-BSD2)

Prepared: 07/23/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130	0.476	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.12		8.00		114	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 3:33:48PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231006-BLK1)

Prepared: 07/25/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.2		50.0		100	50-200			

LCS (2231006-BS1)

Prepared: 07/25/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	244	25.0	250		97.5	38-132			
Surrogate: <i>n</i> -Nonane	53.4		50.0		107	50-200			

Matrix Spike (2231006-MS1)

Source: E207160-09

Prepared: 07/25/22 Analyzed: 07/26/22

Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132			
Surrogate: <i>n</i> -Nonane	56.3		50.0		113	50-200			

Matrix Spike Dup (2231006-MSD1)

Source: E207160-09

Prepared: 07/25/22 Analyzed: 07/26/22

Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	0.817	20	
Surrogate: <i>n</i> -Nonane	59.6		50.0		119	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 3:33:48PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231004-BLK1)

Prepared: 07/24/22 Analyzed: 07/25/22

Chloride ND 20.0

LCS (2231004-BS1)

Prepared: 07/24/22 Analyzed: 07/25/22

Chloride 243 20.0 250 97.3 90-110

Matrix Spike (2231004-MS1)

Source: E207160-01

Prepared: 07/24/22 Analyzed: 07/25/22

Chloride 301 20.0 250 72.3 91.5 80-120

Matrix Spike Dup (2231004-MSD1)

Source: E207160-01

Prepared: 07/24/22 Analyzed: 07/25/22

Chloride 293 20.0 250 72.3 88.5 80-120 2.53 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/26/22 15:33

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E2071600
 Job# 22010-0001

Page 7 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgraytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me			
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN			
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP	
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	HOLD												Sample Comments			
SW-71		7/21/2022		X		C	1	X	X	X													
SW-72		7/21/2022		X		C	1	X	X	X													
SW-73		7/21/2022		X		C	1	X	X	X													
SW-74		7/21/2022		X		C	1	X	X	X													
SW-75		7/21/2022		X		C	1	X	X	X													
SW-76		7/21/2022		X		C	1	X	X	X													
SW-77		7/21/2022		X		C	1	X	X	X													
SW-78		7/21/2022		X		C	1	X	X	X													
SW-79		7/21/2022		X		C	1	X	X	X													
SW-80		7/21/2022		X		C	1	X	X	X													

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	7/22/22	<i>Heriberto Gayton</i>	7/22/22
<i>Legueta</i>	7-22-22 4:10	<i>Chita</i>	7/23/22 11:30

Chain of Custody

Work Order No: E2071160
 Job # 22010-0001

Page 8 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No				Thermometer ID:																NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A				Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A				Temperature Reading:																Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-81		7/21/2022				X				C		1		X X X													
SW-82		7/21/2022				X				C		1		X X X													
SW-83		7/21/2022				X				C		1		X X X													
SW-84		7/21/2022				X				C		1		X X X													
SW-85		7/21/2022				X				C		1		X X X													
SW-86		7/21/2022				X				C		1		X X X													
SW-87		7/21/2022				X				C		1		X X X													
SW-88		7/21/2022				X				C		1		X X X													
SW-89		7/21/2022				X				C		1		X X X													
SW-90		7/21/2022				X				C		1		X X X													

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	7/22/22	<i>Heriberto Gayton</i>	7-22-22

Envirotech Analytical Laboratory

Printed: 7/25/2022 1:12:54PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	07/23/22 11:30	Work Order ID:	E207160
Phone:	(432) 813-6823	Date Logged In:	07/22/22 16:46	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	07/25/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? No

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project was separated into 5 reports due to amount of samples. Workorders are as follows: E207157 COC pg 1&2 of 10, E207158 COC pg 3&4 of 10, E207159 COC pg 5&6 of 10, E207160 COC pg 7&8 of 10, E207161 COC pg 9&10 of 10. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

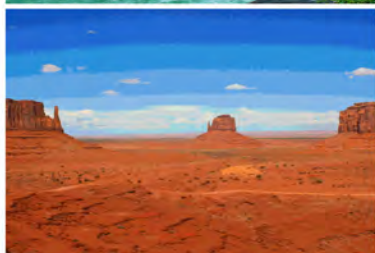
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: PLU 423 South Frac Pond

Work Order: E207161

Job Number: 22010-0001

Received: 7/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/26/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/26/22

Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701



Project Name: PLU 423 South Frac Pond
Workorder: E207161
Date Received: 7/23/2022 11:30:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2022 11:30:00AM, under the Project Name: PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/26/22 17:36
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-91	E207161-01A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-92	E207161-02A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-93	E207161-03A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-94	E207161-04A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-95	E207161-05A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-96	E207161-06A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-97	E207161-07A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-98	E207161-08A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-99	E207161-09A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-100	E207161-10A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-101	E207161-11A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-102	E207161-12A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-91

E207161-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	07/25/22	07/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.7 %	70-130	07/25/22	07/26/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	07/25/22	07/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.7 %	70-130	07/25/22	07/26/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>		92.9 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	48.4	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-92

E207161-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		07/25/22	07/26/22	
Surrogate: Toluene-d8	105 %	70-130		07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		07/25/22	07/26/22	
Surrogate: Toluene-d8	105 %	70-130		07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	95.0 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	40.5	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-93

E207161-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		101 %	70-130	07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	07/25/22	07/25/22	
Surrogate: Toluene-d8		105 %	70-130	07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		101 %	70-130	07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	07/25/22	07/25/22	
Surrogate: Toluene-d8		105 %	70-130	07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		97.0 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	47.5	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-94

E207161-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	95.8 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	59.3	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-95

E207161-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/25/22	07/26/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/25/22	07/26/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	91.7 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	22.3	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-96

E207161-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene		103 %	70-130	07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/25/22	07/26/22	
Surrogate: Toluene-d8		105 %	70-130	07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene		103 %	70-130	07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/25/22	07/26/22	
Surrogate: Toluene-d8		105 %	70-130	07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		92.3 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	ND	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-97

E207161-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	98.9 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	80.4	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-98

E207161-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	90.8 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	90.8 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	101 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	65.3	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-99

E207161-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	99.7 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	51.6	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-100

E207161-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	105 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	105 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	92.6 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	244	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-101

E207161-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	105 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	105 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	96.1 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	134	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-102

E207161-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	85.4 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	92.0 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	85.4 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	92.0 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	97.1 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	ND	20.0	1	07/25/22	07/25/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 5:36:06PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231005-BLK1)

Prepared: 07/25/22 Analyzed: 07/25/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.432		0.500		86.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.470		0.500		94.0	70-130			

LCS (2231005-BS1)

Prepared: 07/25/22 Analyzed: 07/25/22

Benzene	2.64	0.0250	2.50		105	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.50	0.0250	2.50		99.8	70-130			
o-Xylene	2.74	0.0250	2.50		110	70-130			
p,m-Xylene	5.30	0.0500	5.00		106	70-130			
Total Xylenes	8.04	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.534		0.500		107	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.5	70-130			

LCS Dup (2231005-BSD1)

Prepared: 07/25/22 Analyzed: 07/25/22

Benzene	2.70	0.0250	2.50		108	70-130	2.42	23	
Ethylbenzene	2.66	0.0250	2.50		107	70-130	3.15	27	
Toluene	2.64	0.0250	2.50		106	70-130	5.70	24	
o-Xylene	2.77	0.0250	2.50		111	70-130	0.962	27	
p,m-Xylene	5.40	0.0500	5.00		108	70-130	1.86	27	
Total Xylenes	8.17	0.0250	7.50		109	70-130	1.55	27	
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.543		0.500		109	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 5:36:06PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD % %	RPD Limit %	Notes
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Blank (2231005-BLK1)

Prepared: 07/25/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.432		0.500		86.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.470		0.500		94.0	70-130			

LCS (2231005-BS2)

Prepared: 07/25/22 Analyzed: 07/26/22

Gasoline Range Organics (C6-C10)	40.3	20.0	50.0		80.7	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.443		0.500		88.6	70-130			

LCS Dup (2231005-BSD2)

Prepared: 07/25/22 Analyzed: 07/26/22

Gasoline Range Organics (C6-C10)	40.3	20.0	50.0		80.6	70-130	0.119	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			



QC Summary Data

Carmona Resources	Project Name:	PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/26/2022 5:36:06PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231007-BLK1) Prepared: 07/25/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.4		50.0		101	50-200			

LCS (2231007-BS1) Prepared: 07/25/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	242	25.0	250		96.7	38-132			
Surrogate: n-Nonane	48.0		50.0		96.0	50-200			

Matrix Spike (2231007-MS1) Source: E207161-09 Prepared: 07/25/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.7	38-132			
Surrogate: n-Nonane	48.8		50.0		97.5	50-200			

Matrix Spike Dup (2231007-MSD1) Source: E207161-09 Prepared: 07/25/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.0	38-132	0.697	20	
Surrogate: n-Nonane	49.3		50.0		98.7	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 5:36:06PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2231014-BLK1)

Prepared: 07/25/22 Analyzed: 07/25/22

Chloride ND 20.0

LCS (2231014-BS1)

Prepared: 07/25/22 Analyzed: 07/25/22

Chloride 255 20.0 250 102 90-110

Matrix Spike (2231014-MS1)

Source: E207161-01

Prepared: 07/25/22 Analyzed: 07/25/22

Chloride 311 20.0 250 48.4 105 80-120

Matrix Spike Dup (2231014-MSD1)

Source: E207161-01

Prepared: 07/25/22 Analyzed: 07/25/22

Chloride 301 20.0 250 48.4 101 80-120 3.10 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/26/22 17:36

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Work Order No: E207161
Job # 22010-0001

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments				
Program: UST/PST	☐ PRP	☐ Brownfields	RRC	☐ Superfund
State of Project:				
Reporting: Level II	☐ Level III	☐ ST/UST	TRRP	☐ Level
Deliverables: EDD	☐	ADaPT	☐	Other:

[illegible]

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>John J. [Signature]</i>	7/22/22	<i>John J. [Signature]</i>	7-22-22
<i>John J. [Signature]</i>	7-22-22 4:05	<i>John J. [Signature]</i>	7/23/22 11:30

Page 22 of 24

Work Order No: E207161
Job # 22010-0001

Page 10 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RRC ☐ Superfund ☐
State of Project:			
Reporting: Level II	☐ Level III	☐ ST/UST	TRRP ☐ Level ☐
Deliverables: EDD	☐	ADApt	☐ Other: ☐

[illegible]

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	7/22/22	<i>[Signature]</i>	7/22/22
<i>[Signature]</i>	7/23/22	<i>[Signature]</i>	7/23/22

Envirotech Analytical Laboratory

Printed: 7/25/2022 1:17:59PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	07/23/22 11:30	Work Order ID:	E207161
Phone:	(432) 813-6823	Date Logged In:	07/22/22 16:47	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	07/25/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project was separated into 5 reports due to amount of samples. Workorders are as follows: E207157 COC pg 1&2 of 10, E207158 COC pg 3&4 of 10, E207159 COC pg 5&6 of 10, E207160 COC pg 7&8 of 10, E207161 COC pg 9&10 of 10. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: PLU 423 South Frac Pond

Work Order: E207159

Job Number: 22010-0001

Received: 7/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/26/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/26/22

Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701



Project Name: PLU 423 South Frac Pond
Workorder: E207159
Date Received: 7/23/2022 11:30:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2022 11:30:00AM, under the Project Name: PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/26/22 16:39
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-285 (4')	E207159-01A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-430 (2')	E207159-02A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-431 (2')	E207159-03A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-432 (2')	E207159-04A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-433 (2')	E207159-05A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-434 (2')	E207159-06A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-435 (2')	E207159-07A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-436 (2')	E207159-08A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-437 (2')	E207159-09A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-438 (2')	E207159-10A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-439 (2')	E207159-11A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-440 (2')	E207159-12A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-441 (2')	E207159-13A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-442 (0.3")	E207159-14A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-443 (4-4.5')	E207159-15A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-444 (4-4.5')	E207159-16A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-445 (4-4.5')	E207159-17A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-446 (3')	E207159-18A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-447 (3')	E207159-19A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-70	E207159-20A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-285 (4')

E207159-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230110	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	96.1 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231003	
Chloride	48.9	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-430 (2')

E207159-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230110	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231003	
Chloride	440	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-431 (2')

E207159-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	49.4	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-432 (2')

E207159-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	134 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	27.8	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-433 (2')

E207159-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-434 (2')

E207159-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-435 (2')

E207159-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	512	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-436 (2')

E207159-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	134	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-437 (2')

E207159-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	64.7	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-438 (2')

E207159-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.7 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230110	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231003	
Chloride	62.0	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-439 (2')

E207159-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		116 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		116 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		120 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-440 (2')

E207159-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		115 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		115 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	79.5	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-441 (2')

E207159-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		115 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-442 (0.3")

E207159-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		113 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		116 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	94.9	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-443 (4-4.5')

E207159-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		111 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230110	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		113 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231003	
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-444 (4-4.5')

E207159-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	118	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	58.8	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		68.8 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	56.8	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-445 (4-4.5')

E207159-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230110	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		83.7 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231003	
Chloride	42.4	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-446 (3')

E207159-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		83.5 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	57.1	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-447 (3')

E207159-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		105 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		81.3 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	93.5	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

SW-70

E207159-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		109 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230110	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		85.9 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231003	
Chloride	ND	20.0	1	07/24/22	07/25/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:39:06PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230106-BLK1)

Prepared: 07/23/22 Analyzed: 07/24/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			

LCS (2230106-BS1)

Prepared: 07/23/22 Analyzed: 07/24/22

Benzene	4.70	0.0250	5.00		94.0	70-130			
Ethylbenzene	4.08	0.0250	5.00		81.6	70-130			
Toluene	4.42	0.0250	5.00		88.4	70-130			
o-Xylene	4.37	0.0250	5.00		87.4	70-130			
p,m-Xylene	8.45	0.0500	10.0		84.5	70-130			
Total Xylenes	12.8	0.0250	15.0		85.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			

LCS Dup (2230106-BSD1)

Prepared: 07/23/22 Analyzed: 07/25/22

Benzene	4.69	0.0250	5.00		93.7	70-130	0.267	20	
Ethylbenzene	4.08	0.0250	5.00		81.6	70-130	0.0772	20	
Toluene	4.42	0.0250	5.00		88.3	70-130	0.0928	20	
o-Xylene	4.37	0.0250	5.00		87.4	70-130	0.00113	20	
p,m-Xylene	8.45	0.0500	10.0		84.5	70-130	0.0432	20	
Total Xylenes	12.8	0.0250	15.0		85.5	70-130	0.0281	20	
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:39:06PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230106-BLK1)

Prepared: 07/23/22 Analyzed: 07/24/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			

LCS (2230106-BS2)

Prepared: 07/23/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			

LCS Dup (2230106-BSD2)

Prepared: 07/23/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		87.9	70-130	3.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:39:06PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230110-BLK1)

Prepared: 07/23/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.4		50.0		117	50-200			

LCS (2230110-BS1)

Prepared: 07/23/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	286	25.0	250		115	38-132			
Surrogate: n-Nonane	60.2		50.0		120	50-200			

Matrix Spike (2230110-MS1)

Source: E207159-10

Prepared: 07/23/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	63.1		50.0		126	50-200			

Matrix Spike Dup (2230110-MSD1)

Source: E207159-10

Prepared: 07/23/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	1.86	20	
Surrogate: n-Nonane	66.1		50.0		132	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:39:06PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231003-BLK1)

Prepared: 07/24/22 Analyzed: 07/25/22

Chloride ND 20.0

LCS (2231003-BS1)

Prepared: 07/24/22 Analyzed: 07/26/22

Chloride 239 20.0 250 95.7 90-110

Matrix Spike (2231003-MS1)

Source: E207159-01

Prepared: 07/24/22 Analyzed: 07/26/22

Chloride 302 20.0 250 48.9 101 80-120

Matrix Spike Dup (2231003-MSD1)

Source: E207159-01

Prepared: 07/24/22 Analyzed: 07/26/22

Chloride 322 20.0 250 48.9 109 80-120 6.41 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/26/22 16:39

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E207159
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me			
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN			
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP	
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
1 CS-285 (4')		7/21/2022		X		C	1	X	X	X													
2 CS-430 (2')		7/21/2022		X		C	1	X	X	X													
3 CS-431 (2')		7/21/2022		X		C	1	X	X	X													
4 CS-432 (2')		7/21/2022		X		C	1	X	X	X													
5 CS-433 (2')		7/21/2022		X		C	1	X	X	X													
6 CS-434 (2')		7/21/2022		X		C	1	X	X	X													
7 CS-435 (2')		7/21/2022		X		C	1	X	X	X													
8 CS-436 (2')		7/21/2022		X		C	1	X	X	X													
9 CS-437 (2')		7/21/2022		X		C	1	X	X	X													
10 CS-438 (2')		7/21/2022		X		C	1	X	X	X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		7/22/22		<i>Heriberto Gayton</i>		7/22/22 9:30	
<i>Heriberto Gayton</i>		7-22-22		<i>Conner Moehring</i>		7/23/22 11:30	

Chain of Custody

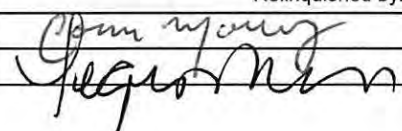
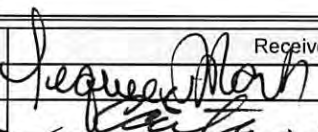
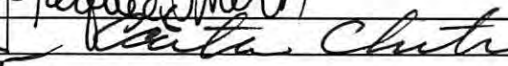
Work Order No: E207159
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No				Thermometer ID:																NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A				Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A				Temperature Reading:																Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-439 (2')		7/21/2022				X				C		1		X X X													
CS-440 (2')		7/21/2022				X				C		1		X X X													
CS-441 (2')		7/21/2022				X				C		1		X X X													
CS-442 (0.3")		7/21/2022				X				C		1		X X X													
CS-443 (4-4.5')		7/21/2022				X				C		1		X X X													
CS-444 (4-4.5')		7/21/2022				X				C		1		X X X													
CS-445 (4-4.5')		7/21/2022				X				C		1		X X X													
CS-446 (3')		7/21/2022				X				C		1		X X X													
CS-447 (3')		7/21/2022				X				C		1		X X X													
SW-70		7/21/2022				X				C		1		X X X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		7/22/22				7-22-22 9:52	
		7-22-22				7/23/22 11:13	

Envirotech Analytical Laboratory

Printed: 7/25/2022 1:07:22PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	07/23/22 11:30	Work Order ID:	E207159
Phone:	(432) 813-6823	Date Logged In:	07/22/22 16:46	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	07/25/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project was separated into 5 reports due to amount of samples. Workorders are as follows: E207157 COC pg 1&2 of 10, E207158 COC pg 3&4 of 10, E207159 COC pg 5&6 of 10, E207160 COC pg 7&8 of 10, E207161 COC pg 9&10 of 10. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: PLU 423 South Frac Pond

Work Order: E208007

Job Number: 22010-0001

Received: 8/2/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/2/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 8/2/22

Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701



Project Name: PLU 423 South Frac Pond
Workorder: E208007
Date Received: 8/2/2022 10:00:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/2/2022 10:00:00AM, under the Project Name: PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources	Project Name:	PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	08/02/22 17:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-444 (4.8')	E208007-01A	Soil	07/28/22	08/02/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 8/2/2022 5:40:05PM
---	---	--

CS-444 (4.8')

E208007-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2232017
Benzene	ND	0.0250	1	08/02/22	08/02/22	
Ethylbenzene	ND	0.0250	1	08/02/22	08/02/22	
Toluene	ND	0.0250	1	08/02/22	08/02/22	
o-Xylene	ND	0.0250	1	08/02/22	08/02/22	
p,m-Xylene	ND	0.0500	1	08/02/22	08/02/22	
Total Xylenes	ND	0.0250	1	08/02/22	08/02/22	
<i>Surrogate: Bromofluorobenzene</i>	99.1 %	70-130		08/02/22	08/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	102 %	70-130		08/02/22	08/02/22	
<i>Surrogate: Toluene-d8</i>	105 %	70-130		08/02/22	08/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2232017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/22	08/02/22	
<i>Surrogate: Bromofluorobenzene</i>	99.1 %	70-130		08/02/22	08/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	102 %	70-130		08/02/22	08/02/22	
<i>Surrogate: Toluene-d8</i>	105 %	70-130		08/02/22	08/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2232043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/22	08/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/22	08/02/22	
<i>Surrogate: n-Nonane</i>	97.6 %	50-200		08/02/22	08/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2232005
Chloride	ND	20.0	1	08/01/22	08/02/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 8/2/2022 5:40:05PM
---	---	---------------------------------

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2232017-BLK1)

Prepared: 08/01/22 Analyzed: 08/01/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

LCS (2232017-BS1)

Prepared: 08/01/22 Analyzed: 08/01/22

Benzene	2.48	0.0250	2.50		99.1	70-130			
Ethylbenzene	2.71	0.0250	2.50		108	70-130			
Toluene	2.60	0.0250	2.50		104	70-130			
o-Xylene	2.54	0.0250	2.50		101	70-130			
p,m-Xylene	5.03	0.0500	5.00		101	70-130			
Total Xylenes	7.57	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			

LCS Dup (2232017-BSD1)

Prepared: 08/01/22 Analyzed: 08/01/22

Benzene	2.58	0.0250	2.50		103	70-130	3.98	23	
Ethylbenzene	2.71	0.0250	2.50		108	70-130	0.0185	27	
Toluene	2.61	0.0250	2.50		104	70-130	0.269	24	
o-Xylene	2.53	0.0250	2.50		101	70-130	0.276	27	
p,m-Xylene	5.03	0.0500	5.00		101	70-130	0.00	27	
Total Xylenes	7.56	0.0250	7.50		101	70-130	0.0926	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 8/2/2022 5:40:05PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2232017-BLK1)

Prepared: 08/01/22 Analyzed: 08/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

LCS (2232017-BS2)

Prepared: 08/01/22 Analyzed: 08/01/22

Gasoline Range Organics (C6-C10)	56.3	20.0	50.0		113	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

LCS Dup (2232017-BSD2)

Prepared: 08/01/22 Analyzed: 08/01/22

Gasoline Range Organics (C6-C10)	59.1	20.0	50.0		118	70-130	4.84	20	
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 8/2/2022 5:40:05PM
---	---	---------------------------------

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2232043-BLK1)

Prepared: 08/02/22 Analyzed: 08/02/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.4		50.0		115	50-200			

LCS (2232043-BS1)

Prepared: 08/02/22 Analyzed: 08/02/22

Diesel Range Organics (C10-C28)	246	25.0	250		98.6	38-132			
Surrogate: n-Nonane	58.2		50.0		116	50-200			

Matrix Spike (2232043-MS1)

Source: E208008-04

Prepared: 08/02/22 Analyzed: 08/02/22

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	56.8		50.0		114	50-200			

Matrix Spike Dup (2232043-MSD1)

Source: E208008-04

Prepared: 08/02/22 Analyzed: 08/02/22

Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	3.96	20	
Surrogate: n-Nonane	57.2		50.0		114	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 8/2/2022 5:40:05PM
---	---	--

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2232005-BLK1)

Prepared: 08/01/22 Analyzed: 08/01/22

Chloride	ND	20.0							
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LCS (2232005-BS1)

Prepared: 08/01/22 Analyzed: 08/01/22

Chloride	247	20.0	250		98.8	90-110			
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Matrix Spike (2232005-MS1)

Source: E207189-01

Prepared: 08/01/22 Analyzed: 08/01/22

Chloride	23000	400	250	20500	1000	80-120			M4
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Matrix Spike Dup (2232005-MSD1)

Source: E207189-01

Prepared: 08/01/22 Analyzed: 08/01/22

Chloride	24500	400	250	20500	NR	80-120	6.29	20	M4
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QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	08/02/22 17:40

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page 11 of 12

Envirotech Analytical Laboratory

Printed: 8/2/2022 11:20:04AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	08/02/22 10:00	Work Order ID:	E208007
Phone:	(432) 813-6823	Date Logged In:	08/02/22 09:06	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	08/02/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:

Sample ID?	Yes
Date/Time Collected?	No
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

CARMONA RESOURCES



SITE INFORMATION

**Closure Report
PLU South Frac Pond
Eddy County, New Mexico
Unit I Sec 19 T25S R30E
Incident #: NAPP2201254527
32.11345°, -103.91211°**

Point of Release: Victaulic connection on lay-flat line

Release Date: 12/29/2021

Volume Released: 2,626.43 barrels

Volume Recovered: 55 barrels

CARMONA RESOURCES



**Prepared for:
XTO Energy
6401 Holiday Hill Rd
Building 5
Midland, TX 79707**

**Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 415
Midland, Texas 79701**

310 West Wall Street, Suite 415
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 REMEDIATION ACTIVITIES

5.0 CONCLUSIONS

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FIGURE 3	AREA OF CONCERN	FIGURE 4	EXCAVATION

APPENDICES

APPENDIX A	TABLES
APPENDIX B	PHOTOS
APPENDIX C	INITIAL AND FINAL C-141 / NMOCD CORRESPONDENCE
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
APPENDIX E	LABORATORY REPORTS

September 28, 2022

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

**Re: Closure Report
PLU South Frac Pond
XTO Energy
Incident No. NAPP2201254527
Site Location: Unit I, S19, T25S, R30E
(Lat 32.11345°, Long -103.91211°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Purity Oilfield Services, which was supporting XTO Energy (XTO) for recycling water activities, Carmona Resources, LLC has prepared this letter to document site assessment activities for the PLU South Frac Pond. The site is located at 32.11345, -103.91211 within Unit I, S19, T25S, R30E, and in Lea 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 December 29, 2021, caused by a Victaulic connection on a lay-flat line malfunctioning. It released approximately 2,626.43 barrels of frac fluid, and 55 barrels were recovered. The impacted area measured is shown in Figure 3. The initial C-141 form is attached in Appendix C.

On June 21, 2022, a request for an extension and alternative sampling for 500 sq ft. composites samples was granted by the OCD. See Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no water source is within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.26 miles East of the site in S21, T25S, R30E and was drilled in 1998. The well has a reported depth to groundwater of 264.60 feet below ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



4.0 Remediation Activities

Carmona Resources personnel was onsite from June 20, 2022, through June 24, 2022, to field screen and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via email, per Subsection D of 19.15.29.12 NMAC. See Appendix C. See Table 1 for excavation depths. A total of four hundred and forty-seven (447) confirmation floor samples were collected (CS-1 through CS-447), and one hundred and two (102) sidewall samples (SW-1 through SW-102) were collected every 500 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the reclamation and regulatory requirements for TPH, BTEX, and chloride. Refer to Table 1.

Once the NMOCD approves the closure report, the excavated areas will be backfilled with clean material to surface grade. Approximately 39,051 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and XTO formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

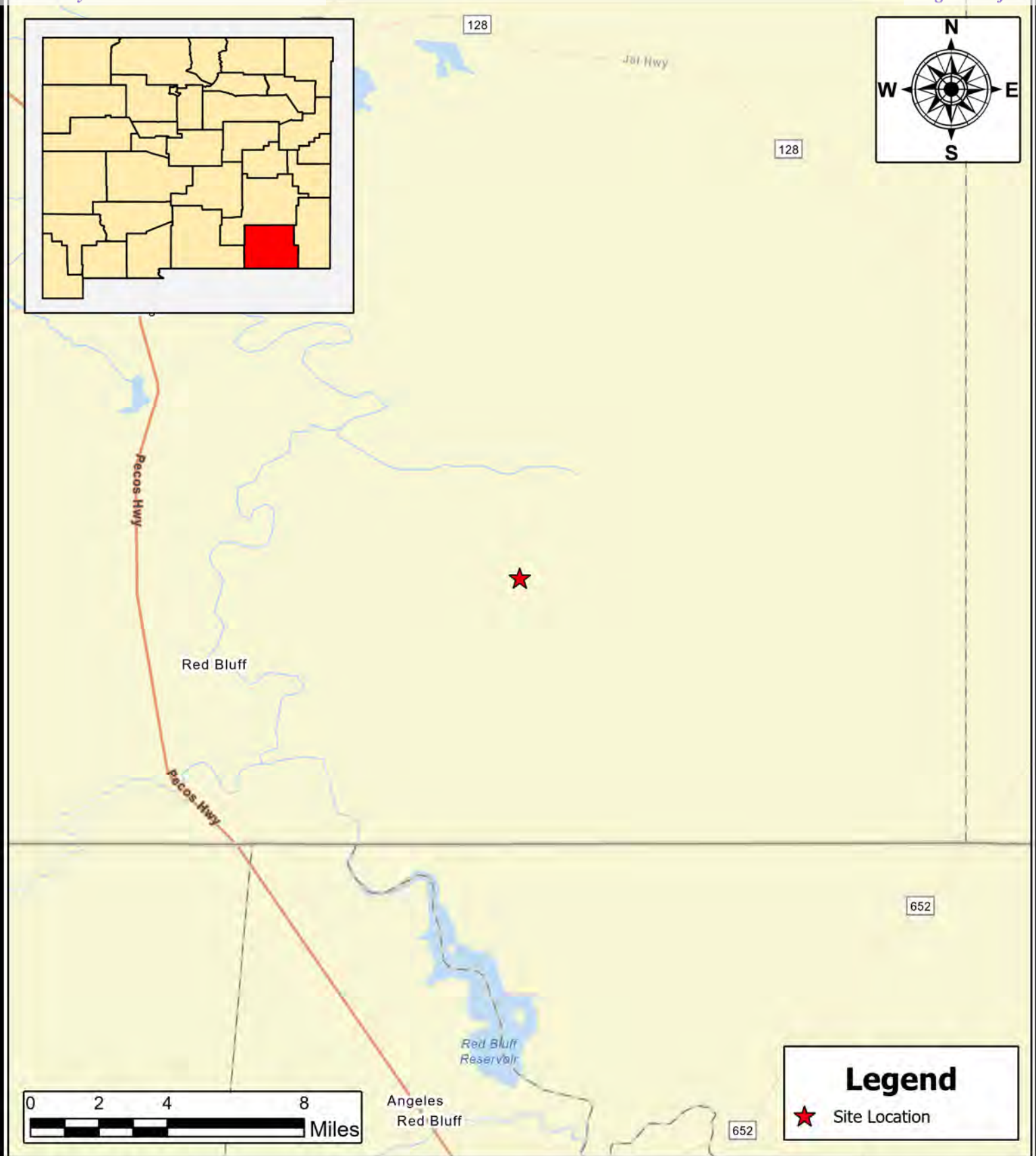
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES



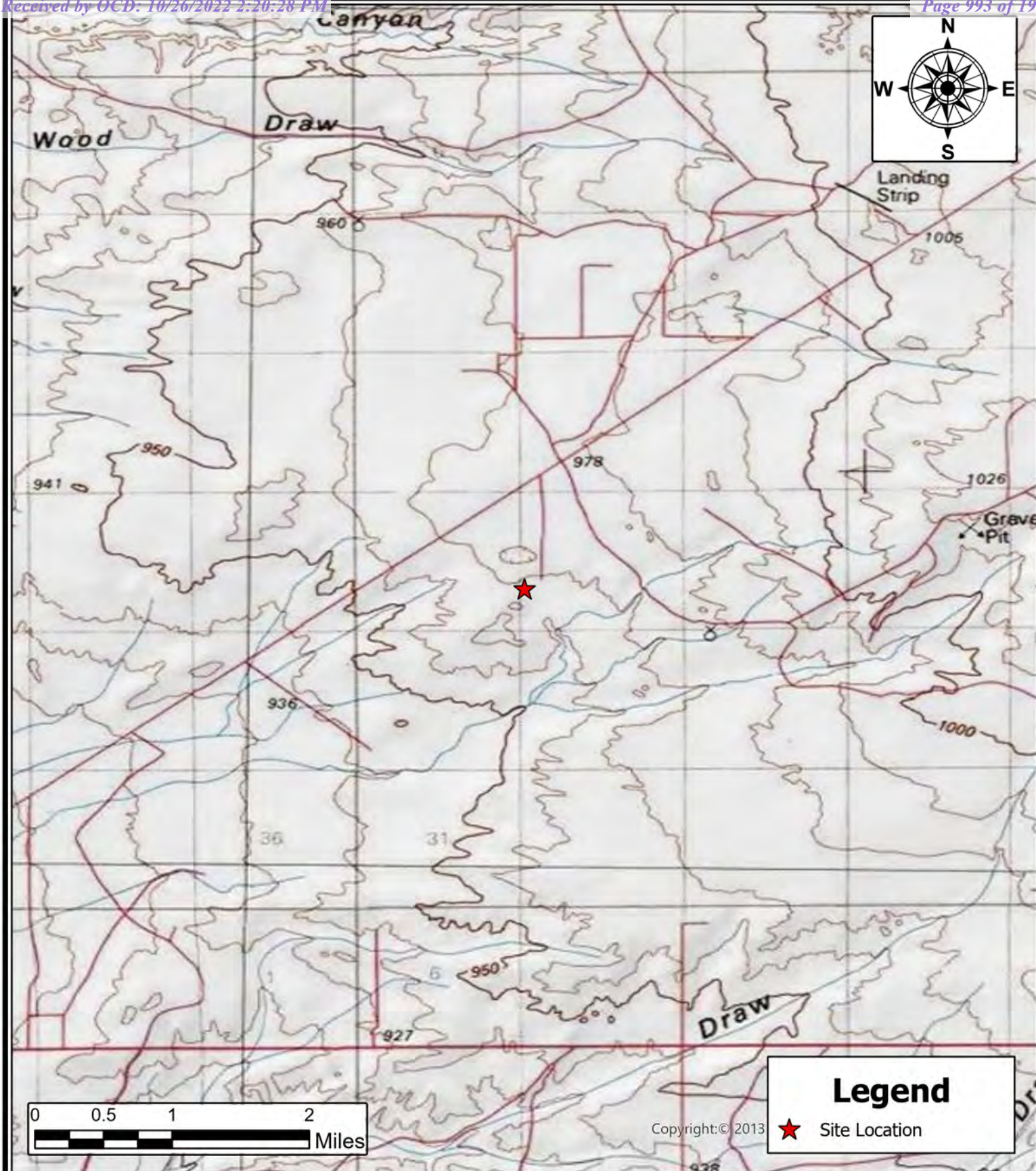


OVERVIEW MAP XTO ENERGY PLU 423 SOUTH FRAC POND EDDY COUNTY, NEW MEXICO 32.11345, -103.91211	
SCALE: As Shown	Date: 8/3/2022

 Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701
--

NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER: FIGURE 1
SHEET NUMBER: 1 of 1

**TOPOGRAPHIC MAP**
XTO ENERGY

PLU 423 SOUTH FRAC POND
EDDY COUNTY, NEW MEXICO
32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022

CARMONA RESOURCES



Carmona Resources
310 West Wall Street, Suite 415
Midland, Texas 79701

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



Legend

- Overhead Powerlines
- 10.0 ft Excavation
- 3.0 ft Excavation
- 5.0 - 5.5 ft Excavation

EXCAVATION DEPTH OVERVIEW MAP
XTO ENERGY
 PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, Texas 79701

NOTES:

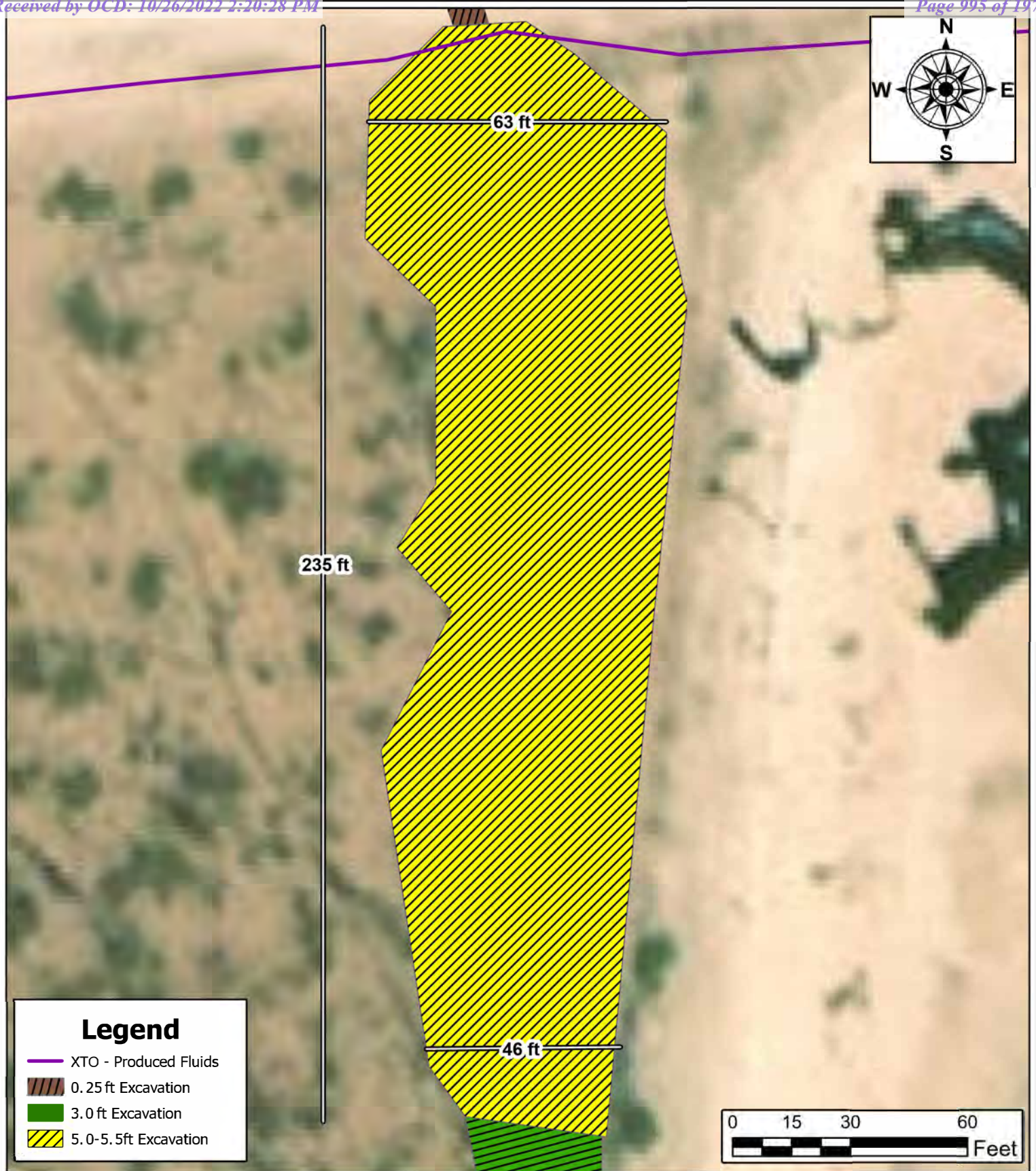
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 4



EXCAVATION DEPTH OVERVIEW MAP
XTO ENERGY

PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, Texas 79701

NOTES:

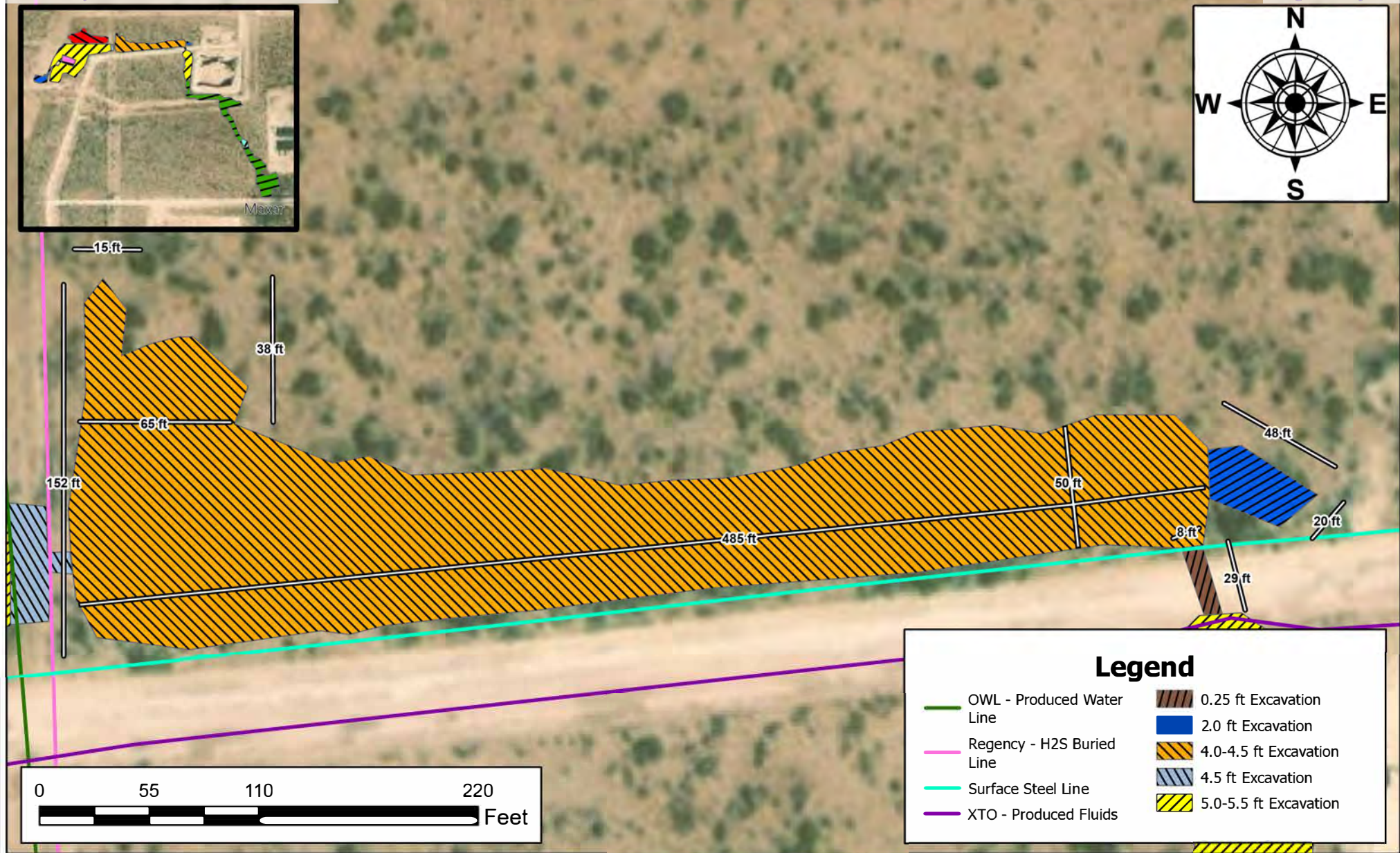
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

2 of 4

**EXCAVATION DEPTH OVERVIEW MAP****XTO ENERGY**

PLU 423 SOUTH FRAC POND
EDDY COUNTY, NEW MEXICO
32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022

CARMONA RESOURCES



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NOTES:

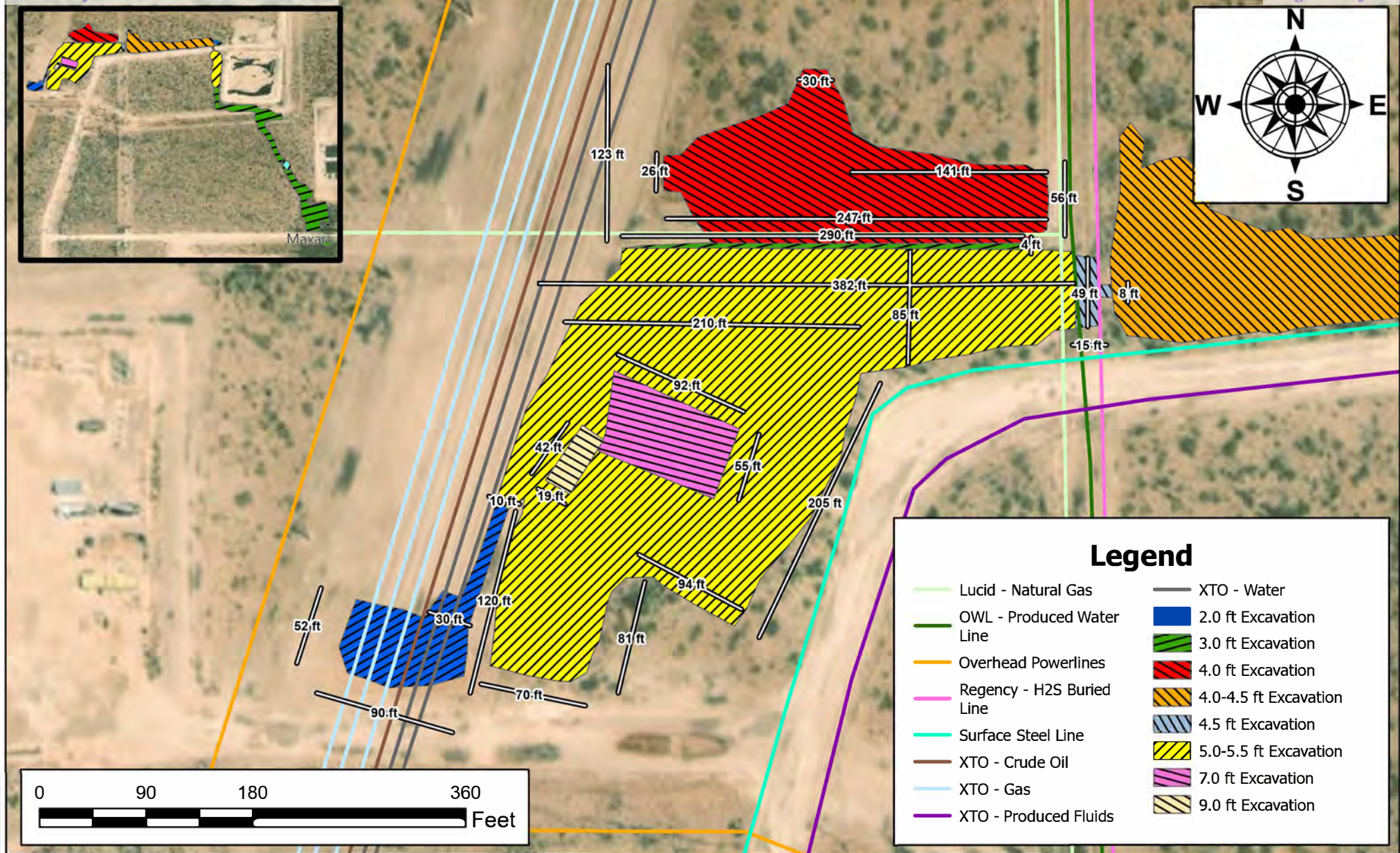
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

3 of 4

**EXCAVATION DEPTH OVERVIEW MAP****XTO ENERGY**

PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211

CARMONA RESOURCES



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NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

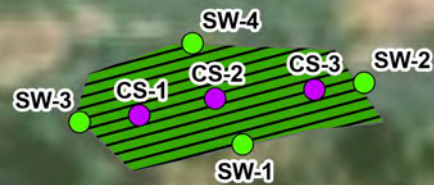
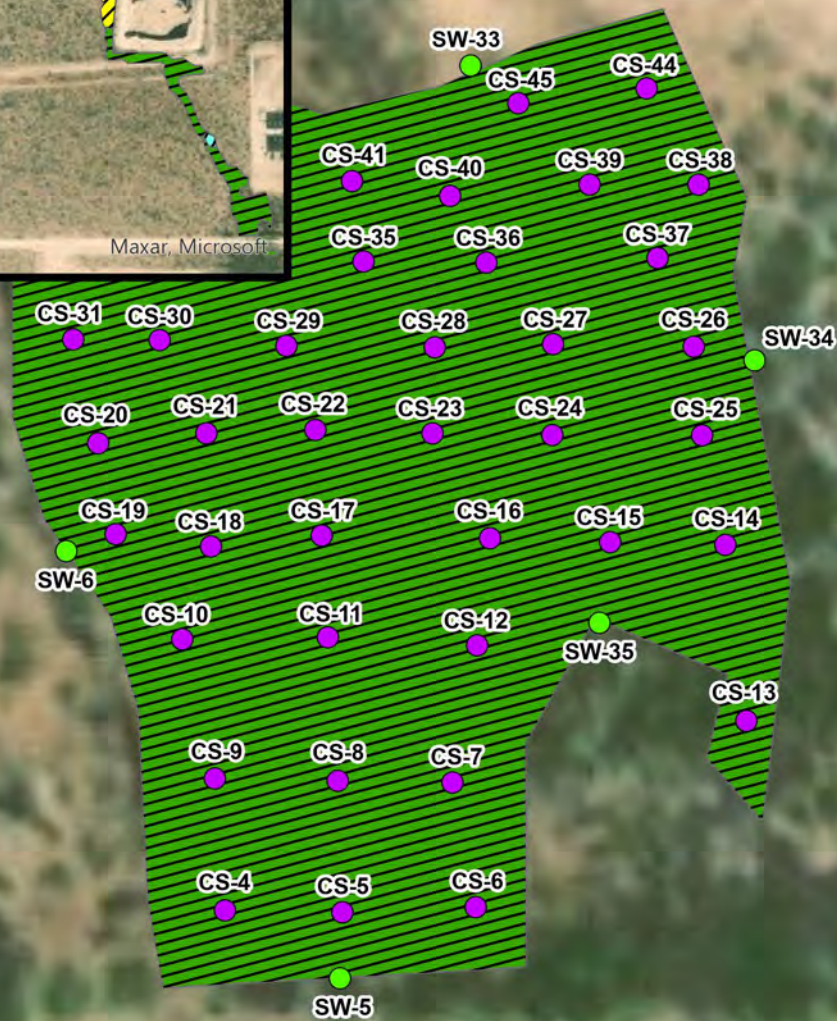
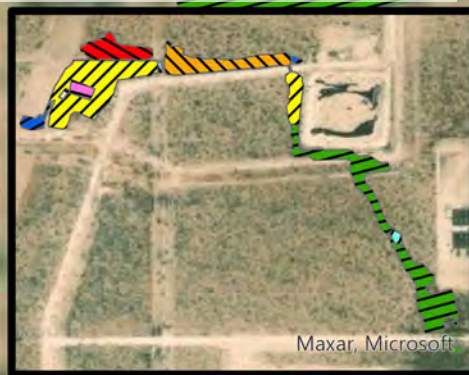
FIGURE 3

SHEET NUMBER:

4 of 4

SCALE: As Shown

Date: 8/3/2022



Legend

- Confirmation Samples
- Sidewall Samples
- 3.0 ft Excavation



EXCAVATION DEPTH MAP
XTO ENERGY
 PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022



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NOTES:

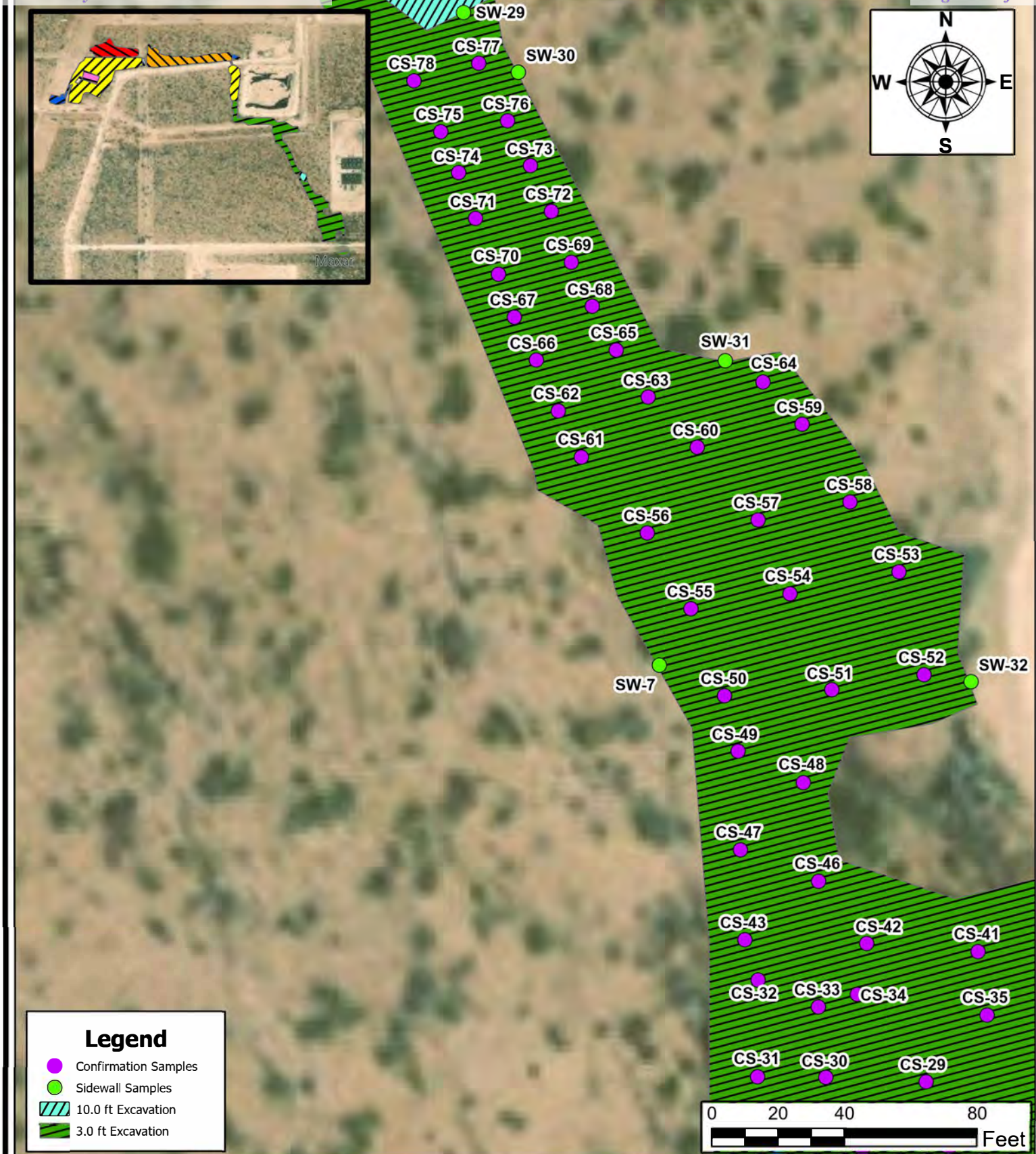
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 8



**EXCAVATION DEPTH MAP
XTO ENERGY**
PLU 423 SOUTH FRAC POND
EDDY COUNTY, NEW MEXICO
32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022



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NOTES:

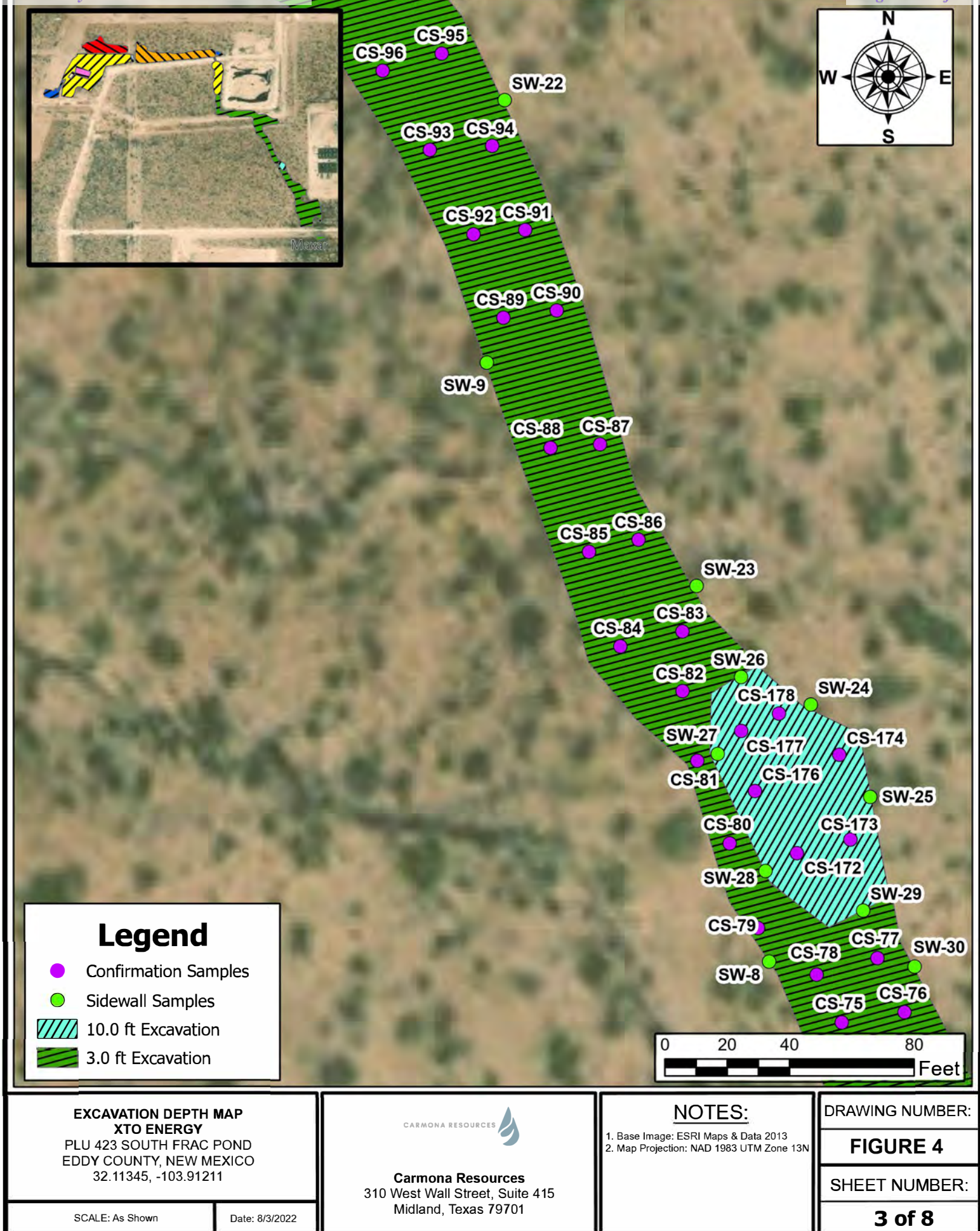
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

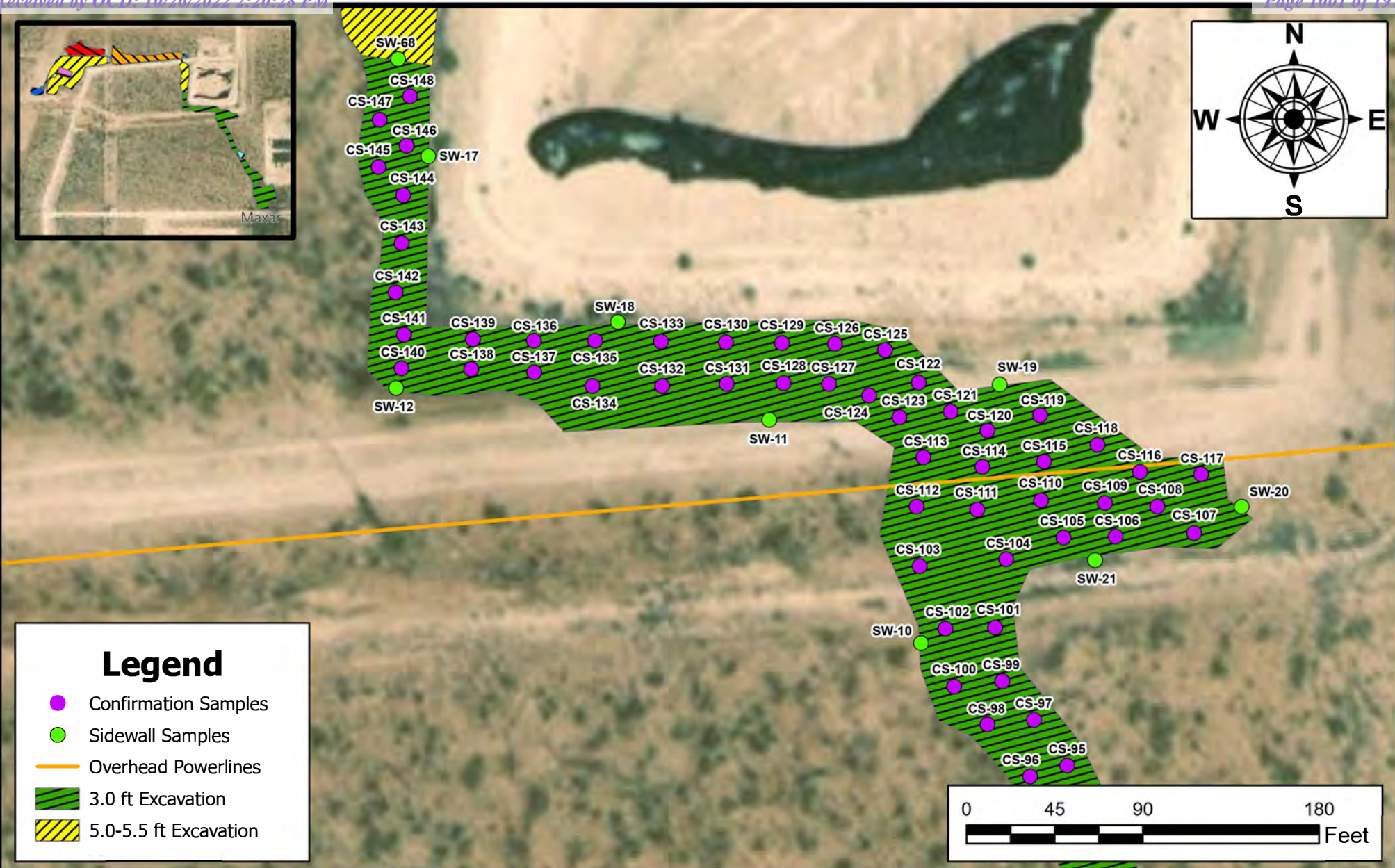
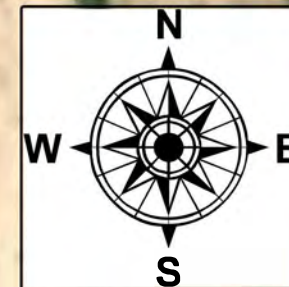
DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

2 of 8





EXCAVATION DEPTH MAP
XTO ENERGY
 PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, Texas 79701

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

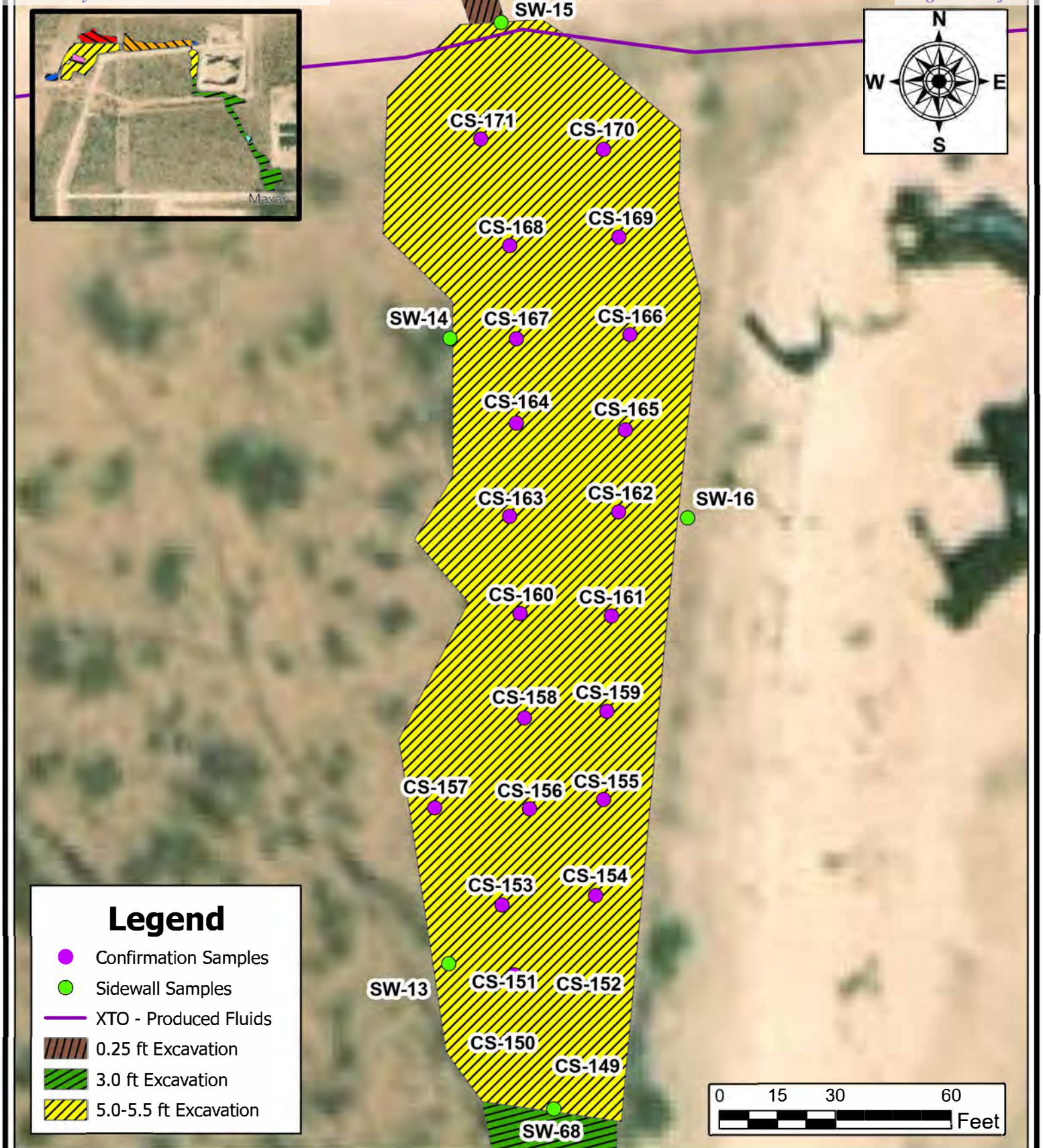
FIGURE 4

SHEET NUMBER:

4 of 8

SCALE: As Shown

Date: 8/3/2022



EXCAVATION DEPTH MAP
XTO ENERGY
 PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211

SCALE: As Shown

Date: 8/3/2022



Carmona Resources
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NOTES:

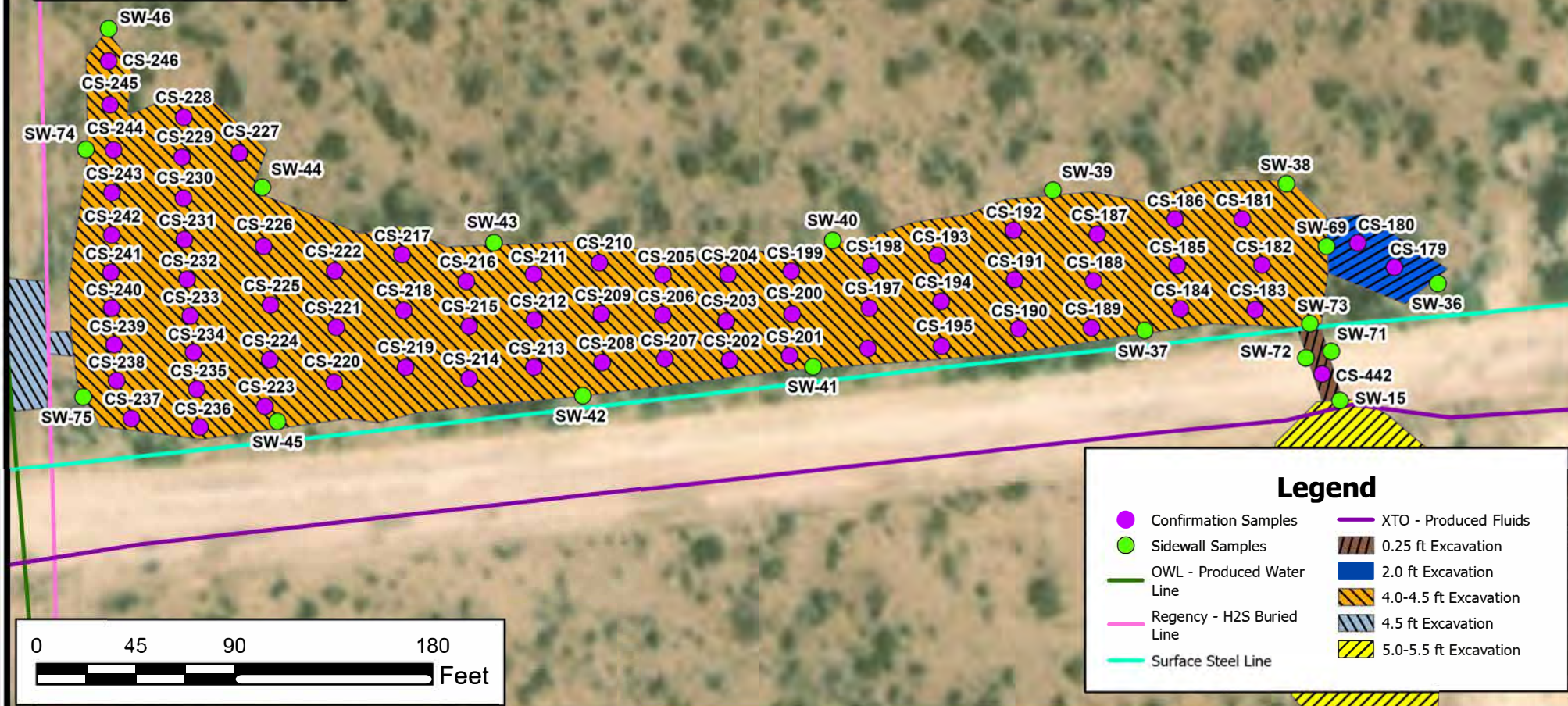
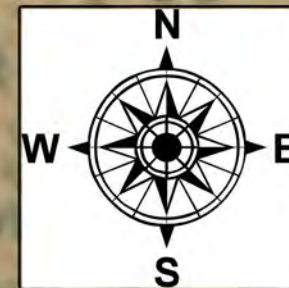
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

5 of 8



Legend

- Confirmation Samples
- Sidewall Samples
- OWL - Produced Water Line
- Regency - H2S Buried Line
- Surface Steel Line
- 0.25 ft Excavation
- 2.0 ft Excavation
- 4.0-4.5 ft Excavation
- 4.5 ft Excavation
- 5.0-5.5 ft Excavation
- XTO - Produced Fluids

EXCAVATION DEPTH MAP

XTO ENERGY

PLU 423 SOUTH FRAC POND
EDDY COUNTY, NEW MEXICO
32.11345, -103.91211

CARMONA RESOURCES



Carmona Resources
310 West Wall Street, Suite 415
Midland, Texas 79701

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

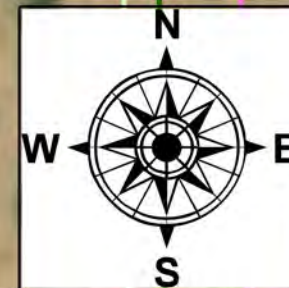
FIGURE 4

SHEET NUMBER:

6 of 8

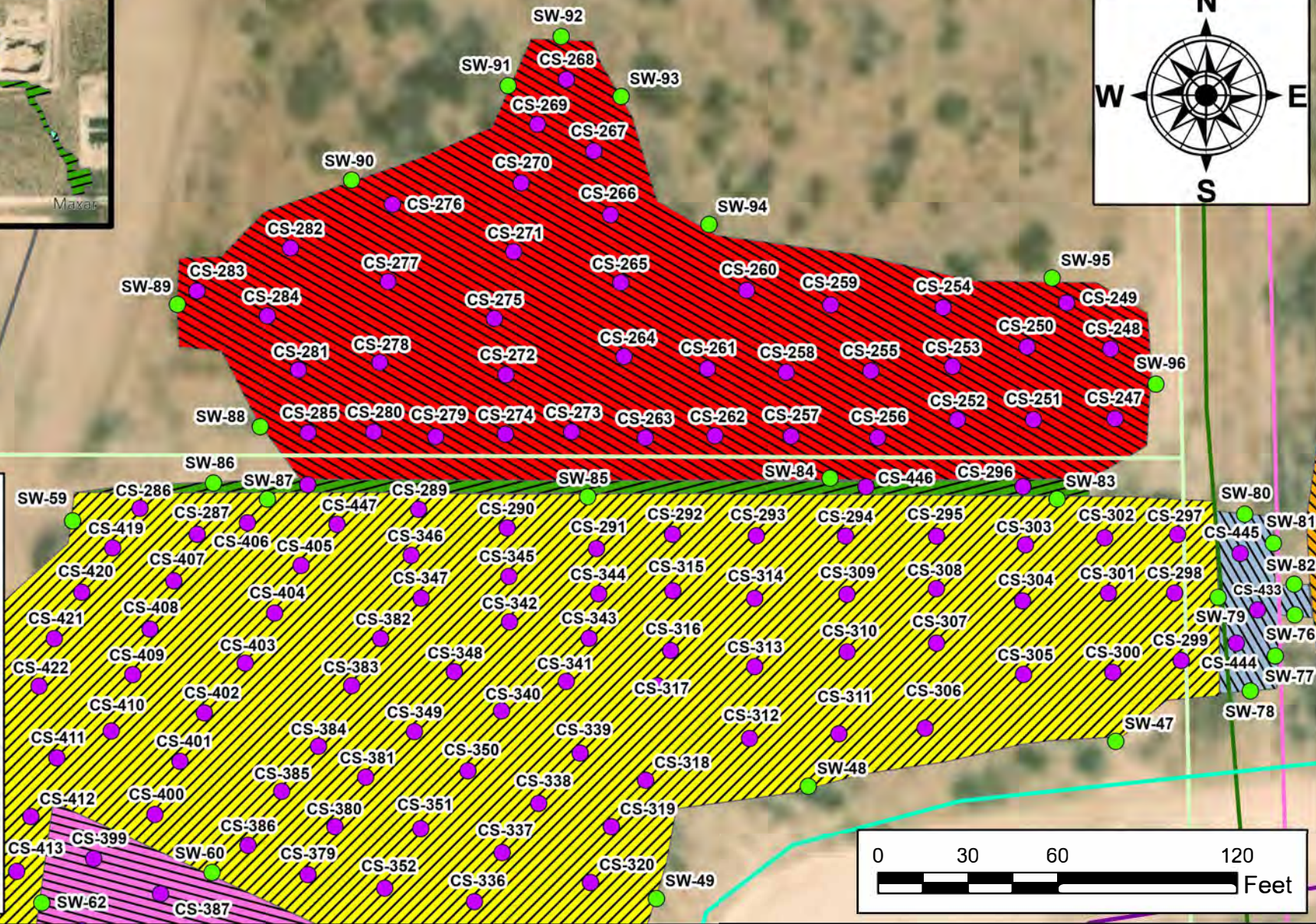
SCALE: As Shown

Date: 8/3/2022



Legend

- Confirmation Samples
- Sidewall Samples
- Lucid - Natural Gas
- OWL - Produced Water Line
- Regency - H2S Buried Line
- Surface Steel Line
- XTO - Crude Oil
- XTO - Gas
- XTO - Produced Fluids
- XTO - Water
- 3.0 ft Excavation
- 4.0 ft Excavation
- 4.0-4.5 ft Excavation
- 4.5 ft Excavation
- 5.0-5.5 ft Excavation
- 7.0 ft Excavation



EXCAVATION DEPTH MAP
XTO ENERGY
 PLU 423 SOUTH FRAC POND
 EDDY COUNTY, NEW MEXICO
 32.11345, -103.91211



Carmona Resources
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NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

7 of 8

SCALE: As Shown

Date: 8/3/2022



APPENDIX A

CARMONA RESOURCES



Table 1
XTO Energy
PLU 423 South Frac Pond
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							
CS-1	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.2	
CS-2	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.3	
CS-3	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	117	
CS-4	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	89.0	
CS-5	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.1	
CS-6	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	45.7	
CS-7	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	112	
CS-8	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	102	
CS-9	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.3	
CS-10	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.9	
CS-11	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-12	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-13	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.3	
CS-14	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	77.2	
CS-15	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	129	
CS-16	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	126	
CS-17	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	125	
CS-18	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.7	
CS-19	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	105	
CS-20	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	111	
CS-21	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.9	
CS-22	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.5	
CS-23	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-24	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-25	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	77.2	
CS-26	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	68.1	
CS-27	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	143	
CS-28	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.2	
CS-29	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	134	
CS-30	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	415	
CS-31	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	408	
CS-32	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.2	
CS-33	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.6	
CS-34	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.6	
CS-35	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.8	
CS-36	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.3	
CS-37	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.5	
CS-38	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	60.0	
CS-39	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.9	
CS-40	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	378	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

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

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-41	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	531
CS-42	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-43	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.2
CS-44	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	159
CS-45	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	153
CS-46	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	51.5
CS-47	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.3
CS-48	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.3
CS-49	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	279
CS-50	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.6
CS-51	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	129
CS-52	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	82.2
CS-53	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.9
CS-54	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	329
CS-55	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.6
CS-56	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	123
CS-57	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.3
CS-58	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	77.1
CS-59	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	128
CS-60	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.3
CS-61	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	203
CS-62	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	181
CS-63	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	114
CS-64	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	123
CS-65	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	56.0
CS-66	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	204
CS-67	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	183
CS-68	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	165
CS-69	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.8
CS-70	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	154
CS-71	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	174
CS-72	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	182
CS-73	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	155
CS-74	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.3
CS-75	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	129
CS-76	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	254
CS-77	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	277
CS-78	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	113
CS-79	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	206
CS-80	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.7
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-81	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	129
CS-82	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	231
CS-83	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	108
CS-84	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	113
CS-85	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	94.3
CS-86	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	255
CS-87	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	307
CS-88	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	150
CS-89	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	182
CS-90	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	236
CS-91	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	172
CS-92	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	198
CS-93	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	132
CS-94	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	132
CS-95	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	111
CS-96	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	111
CS-97	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.4
CS-98	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	207
CS-99	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-100	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	99.6
CS-101	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	94.9
CS-102	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	314
CS-103	6/23/2022	3.0	ND	42.4	ND	42.4	ND	ND	ND	ND	ND	43.6
CS-104	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	135
CS-105	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	91.1
CS-106	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	102
CS-107	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.0
CS-108	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-109	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	87.7
CS-110	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	106
CS-111	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	111
CS-112	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.6
CS-113	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	140
CS-114	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-115	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.2
CS-116	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-117	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	104
CS-118	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-119	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-120	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Regulatory Criteria ^A			100 mg/kg				10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-121	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.6
CS-122	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.1
CS-123	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	81.9
CS-124	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.2
CS-125	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.9
CS-126	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.3
CS-127	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	88.8
CS-128	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	82.9
CS-129	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	101
CS-130	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-131	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.0
CS-132	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	88.1
CS-133	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	88.8
CS-134	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.2
CS-135	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.4
CS-136	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-137	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	69.5
CS-138	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.0
CS-139	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-140	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-141	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.1
CS-142	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.4
CS-143	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.1
CS-144	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.1
CS-145	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.8
CS-146	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.1
CS-147	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-148	6/23/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-149	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.7
CS-150	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.6
CS-151	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-152	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.0
CS-153	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.3
CS-154	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	147
CS-155	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.8
CS-156	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	68.8
CS-157	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.9
CS-158	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.8
CS-159	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	348
CS-160	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.9
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
XTO Energy
PLU 423 South Frac Pond
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							
CS-161	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.6	
CS-162	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	58.6	
CS-163	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	676	
	7/21/2022	5.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	306	
CS-164	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.4	
CS-165	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-166	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	266	
CS-167	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	56.1	
CS-168	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-169	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	287	
CS-170	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.60	
CS-171	6/23/2022	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	95.3	
CS-172	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	55.9	
CS-173	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	99.0	
CS-174	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	48.2	
CS-175	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	139	
CS-176	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CS-177	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.7	
CS-178	6/23/2022	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	125	
CS-179	6/23/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	253	
CS-180	6/23/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.9	
CS-181	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.5	
CS-182	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.0	
CS-183	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	197	
CS-184	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	90.0	
CS-185	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	82.1	
CS-186	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.8	
CS-187	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.8	
CS-188	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	87.6	
CS-189	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	186	
CS-190	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	423	
CS-191	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	505	
CS-192	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	139	
CS-193	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	113	
CS-194	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	107	
CS-195	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	123	
CS-196	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	231	
CS-197	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	208	
CS-198	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	120	
CS-199	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	195	
CS-200	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	133	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg
(-) Not Analyzed													

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(CS) Confirmation Sample

Removed

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-201	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-202	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-203	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	127
CS-204	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	87.2
CS-205	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-206	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.0
CS-207	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.6
CS-208	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.6
CS-209	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	85.7
CS-210	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	99.3
CS-211	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.8
CS-212	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.6
CS-213	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.8
CS-214	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.5
CS-215	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-216	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.9
CS-217	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	226
CS-218	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-219	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	485
CS-220	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-221	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	465
CS-222	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.5
CS-223	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	798
	7/21/2022	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
CS-224	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-225	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.1
CS-226	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	404
CS-227	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.8
CS-228	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.0
CS-229	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.7
CS-230	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	284
CS-231	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.5
CS-232	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.9
CS-233	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	98.6
CS-234	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.2
CS-235	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-236	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.6
CS-237	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	296
CS-238	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.8
CS-239	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-240	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

 Removed

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-241	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.2
CS-242	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	131
CS-243	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	273
CS-244	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.1
CS-245	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	298
CS-246	6/23/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	127
CS-247	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.6
CS-248	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.3
CS-249	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	42.8
CS-250	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	385
CS-251	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.5
CS-252	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.2
CS-253	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.6
CS-254	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	90.2
CS-255	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	122
CS-256	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	395
CS-257	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	285
CS-258	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.3
CS-259	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	78.3
CS-260	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	68.2
CS-261	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	464
CS-262	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	290
CS-263	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.1
CS-264	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	58.9
CS-265	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	71.0
CS-266	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	186
CS-267	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.3
CS-268	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.6
CS-269	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.6
CS-270	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-271	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.7
CS-272	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.5
CS-273	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	318
CS-274	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	208
CS-275	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.7
CS-276	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.5
CS-277	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	555
CS-278	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	60.8
CS-279	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	513
CS-280	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.5
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-281	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	45.3
CS-282	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	521
CS-283	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.0
CS-284	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.0
CS-285	7/21/2022	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	48.9
CS-286	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.0
CS-287	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.9
CS-288	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.1
CS-289	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.2
CS-290	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.7
CS-291	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.9
CS-292	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	96.7
CS-293	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.7
CS-294	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.9
CS-295	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	98.4
CS-296	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.6
CS-297	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.4
CS-298	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.4
CS-299	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.6
CS-300	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.6
CS-301	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.4
CS-302	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.2
CS-303	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.3
CS-304	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.4
CS-305	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.7
CS-306	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	72.0
CS-307	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.1
CS-308	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.0
CS-309	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	85.7
CS-310	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.6
CS-311	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.7
CS-312	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.5
CS-313	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.4
CS-314	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.6
CS-315	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	83.5
CS-316	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	103
CS-317	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.9
CS-318	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.9
CS-319	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.3
CS-320	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.7
Regulatory Criteria ^A			100 mg/kg				10 mg/kg	-	-	-	50 mg/kg	600 mg/kg
(-) Not Analyzed												

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

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-321	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	85.2
CS-322	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	92.0
CS-323	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.9
CS-324	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	97.6
CS-325	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-326	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.3
CS-327	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	82.8
CS-328	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.4
CS-329	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.8
CS-330	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.2
CS-331	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.0
CS-332	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	119
CS-333	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	86.3
CS-334	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	114
CS-335	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	110
CS-336	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	61.4
CS-337	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.8
CS-338	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	91.8
CS-339	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.2
CS-340	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	277
CS-341	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	92.3
CS-342	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	106
CS-343	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.0
CS-344	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-345	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	81.4
CS-346	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	90.3
CS-347	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	102
CS-348	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	84
CS-349	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	90.5
CS-350	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	83.6
CS-351	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	90.9
CS-352	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	113
CS-353	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	68.7
CS-354	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.9
CS-355	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-356	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	96.7
CS-357	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.4
CS-358	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	121
CS-359	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.3
CS-360	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.6
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-361	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	89.2
CS-362	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	104
CS-363	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.3
CS-364	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.1
CS-365	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.0
CS-366	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-367	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	90.8
CS-368	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	76.2
CS-369	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	81.3
CS-370	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.4
CS-371	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.5
CS-372	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.9
CS-373	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.1
CS-374	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.3
CS-375	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	88.0
CS-376	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.9
CS-377	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	96.3
CS-378	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.1
CS-379	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.3
CS-380	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	114
CS-381	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.2
CS-382	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.5
CS-383	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.3
CS-384	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.6
CS-385	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.1
CS-386	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.6
CS-387	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.2
CS-388	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.7
CS-389	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.3
CS-390	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.2
CS-391	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.7
CS-392	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	108
CS-393	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.8
CS-394	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.0
CS-395	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.5
CS-396	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.1
CS-397	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	85.0
CS-398	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.1
CS-399	6/23/2022	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	147
CS-400	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.0
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
CS-401	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.1
CS-402	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.0
CS-403	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.6
CS-404	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.2
CS-405	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	58.6
CS-406	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.0
CS-407	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.0
CS-408	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.1
CS-409	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.0
CS-410	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.9
CS-411	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.5
CS-412	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.2
CS-413	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.5
CS-414	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.9
CS-415	6/23/2022	9.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.5
CS-416	6/23/2022	9.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.4
CS-417	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.8
CS-418	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	42.6
CS-419	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.0
CS-420	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.3
CS-421	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	112
CS-422	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.9
CS-423	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.0
CS-424	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	182
CS-425	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	116
CS-426	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.6
CS-427	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.3
CS-428	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.0
CS-429	6/23/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.0
CS-430	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	440
CS-431	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.4
CS-432	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.8
CS-433	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-434	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-435	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	512
CS-436	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	134
CS-437	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.7
CS-438	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.0
CS-439	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-440	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.5
CS-441	7/21/2022	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-442	7/21/2022	0.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	94.9
CS-443	7/21/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-444	7/21/2022	4-4.5	ND	118	58.8	176.8	ND	ND	ND	ND	ND	56.8
	7/28/2022	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-445	7/21/2022	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	42.4
CS-446	7/21/2022	3.0	ND	ND		ND	ND	ND	ND	ND	ND	57.1
CS-447	7/21/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	93.5

Regulatory Criteria^A
(-) Not Analyzed

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

Table 1
XTO Energy
PLU 423 South Frac Pond
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							
SW-1	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.3	
SW-2	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.7	
SW-3	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.2	
SW-4	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.6	
SW-5	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.7	
SW-6	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.8	
SW-7	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.5	
SW-8	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.0	
SW-9	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.6	
SW-10	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SW-11	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	70.9	
SW-12	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	101	
SW-13	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	67.6	
SW-14	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.0	
SW-15	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.5	
SW-16	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	67.8	
SW-17	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.7	
SW-18	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	286	
SW-19	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	171	
SW-20	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	149	
SW-21	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	162	
SW-22	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	161	
SW-23	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	157	
SW-24	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.3	
SW-25	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.9	
SW-26	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	102	
SW-27	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	122	
SW-28	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.6	
SW-29	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	51.7	
SW-30	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SW-31	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	304	
SW-32	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	400	
SW-33	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.1	
SW-34	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.0	
SW-35	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.0	
SW-36	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.3	
SW-37	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.9	
SW-38	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.1	
SW-39	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.4	
SW-40	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	355	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg
(-) Not Analyzed													

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

Table 1
XTO Energy
PLU 423 South Frac Pond
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							
SW-41	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.6	
SW-42	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	82.8	
SW-43	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	120	
SW-44	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	199	
SW-45	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SW-46	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	173	
SW-47	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	218	
SW-48	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	122	
SW-49	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SW-50	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.2	
SW-51	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	103	
SW-52	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	316	
SW-53	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	287	
SW-54	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.2	
SW-55	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.2	
SW-56	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	42.9	
SW-57	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.2	
SW-58	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.8	
SW-59	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.2	
SW-60	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.2	
SW-61	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.4	
SW-62	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.4	
SW-63	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.3	
SW-64	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.3	
SW-65	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.3	
SW-66	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SW-67	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.5	
SW-68	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.7	
SW-69	6/23/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.7	
SW-70	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SW-71	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	72.3	
SW-72	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	72.4	
SW-73	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.7	
SW-74	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	238	
SW-75	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	89.3	
SW-76	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	65.2	
SW-77	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SW-78	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	
SW-79	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.9	
SW-80	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	202	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg
(-) Not Analyzed													

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

Table 1
XTO Energy
PLU 423 South Frac Pond
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						
SW-81	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	216
SW-82	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	228
SW-83	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.9
SW-84	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	237
SW-85	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.8
SW-86	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	341
SW-87	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	51.2
SW-88	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	209
SW-89	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	152
SW-90	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.3
SW-91	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	48.4
SW-92	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.5
SW-93	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.5
SW-94	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.3
SW-95	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.3
SW-96	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-97	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	80.4
SW-98	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	65.3
SW-99	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	51.6
SW-100	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	244
SW-101	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	134
SW-102	7/21/2022	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Regulatory Criteria ^A			100 mg/kg				10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

XTO Energy

Photograph No. 1

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View East, area of 3' Excavation.



Photograph No. 2

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View South, area of 3' Excavation.



Photograph No. 3

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View Northwest, area of 3' Excavation.



PHOTOGRAPHIC LOG

XTO Eneergy

Photograph No. 4

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View Southeast, areas of 3' and 10' Excavation.



Photograph No. 5

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View Southeast, area of 3' Excavation.



Photograph No. 6

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View Southeast, area of 3' Excavation.



PHOTOGRAPHIC LOG

XTO Eneergy

Photograph No. 7

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View South, area of 5-5.5' Excavation.



Photograph No. 8

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View South, areas of 2', 0.25', and 5-5.5' Excavation.



Photograph No. 9

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View West, area of 4-4.5' Excavation.



PHOTOGRAPHIC LOG

XTO Eneergy

Photograph No. 10

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View East, area of 4-4.5' Excavaton



Photograph No. 11

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View West, area of 4-4.5' Excavtion.



Photograph No. 12

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View East, area of 5-5.5' Excavation.



PHOTOGRAPHIC LOG

XTO Eneergy

Photograph No. 13

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View East, areas of 5-5.5', 7', and 9' Excavation.



Photograph No. 14

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View South, areas of 5-5.5', 7', and 9' Excavation.



Photograph No. 15

Facility: PLU 423 South Frac Pond

County: Eddy County, New Mexico

Description:

View Northeast, area of 2' Excavation.



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	NAPP2201254527
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party XTO Energy	OGRID 5380
Contact Name Shelby Pennington	Contact Telephone 281-723-9353
Contact email shelby.g.pennington@exxonmobil.com	Incident # (assigned by OCD)
Contact mailing address 6401 Holiday Hill Rd Bldg 5, Midland, Texas, 79707	

Location of Release Source

Latitude 32.11345 Longitude -103.91211
(NAD 83 in decimal degrees to 5 decimal places)

Site Name PLU South Frac Pond	Site Type Frac Pond
Date Release Discovered 12/29/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
I	19	25S	30E	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)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☒ Other (describe) Frac Fluid	Volume/Weight Released (provide units) 2626.42	Volume/Weight Recovered (provide units) 55.00

Cause of Release Water transfer company had a victaulic connection on the lay-flat line malfunction during frac operations, releasing fluids to pad. Vacuum trucks recovered free fluids. A third-party contractor has been retained for remediation purposes.

Incident ID	NAPP2201254527
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? A release equal to or greater than 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, by Garrett Green to Mike Bratcher, Victoria Venegas, Robert Hamlet, and Crisha Morgan on Wednesday, December 29, 2021 7:39 PM via email.	

Initial Response

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

☒ The source of the release has been stopped.	
☒ The impacted area has been secured to protect human health and the environment.	
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☒ 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: NA	
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: Shelby G. Pennington	Title: Environmental Manager
Signature: 	Date: 1/12/22
email: shelby.g.pennington@exxonmobil.com	Telephone: 281-723-9353
<u>OCD Only</u>	
Received by: Ramona Marcus	Date: 1/12/2022

NAPP2201254527

Location:	PLU South Frac Pond	
Spill Date:	12/29/2021	
Area 1		
Approximate Area =	41317.30	sq. ft.
Average Saturation (or depth) of spill =	5.00	inches
Average Porosity Factor = 0.15		
VOLUME OF LEAK		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	459.91	bbls
Area 2		
Approximate Area =	5986.00	sq. ft.
Average Saturation (or depth) of spill =	5.00	inches
Average Porosity Factor = 0.15		
VOLUME OF LEAK		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	66.63	bbls
Area 3		
Approximate Area =	114588.00	sq. ft.
Average Saturation (or depth) of spill =	8.00	inches
Average Porosity Factor = 0.15		
VOLUME OF LEAK		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	2095.81	bbls
Area 4		
Approximate Area =	6522.00	sq. ft.
Average Saturation (or depth) of spill =	1.00	inches
Average Porosity Factor = 0.03		
VOLUME OF LEAK		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	2.90	bbls
Area 5		
Approximate Area =	10497.00	sq. ft.
Average Saturation (or depth) of spill =	0.25	inches
Average Porosity Factor = 0.03		
VOLUME OF LEAK		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	1.17	bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	2626.42	bbls
TOTAL VOLUME RECOVERED		
Total Crude Oil =	0.00	bbls
Total Frac Fluid =	55.00	bbls

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 72074

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 72074
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rmarcus	None	1/12/2022

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?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ 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)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ 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?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ 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: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: Heriberto Gaytan
Sent: Tuesday, June 21, 2022 2:18 PM
To: Mike Carmona
Subject: FW: [EXTERNAL] NAPP2201254527 - Alternative Sampling Plan and Confirmation Sampling Notification/ 90-day extension

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Tuesday, June 21, 2022 9:16 AM
To: Baker, Adrian <adrian.baker@exxonmobil.com>
Cc: Heriberto Gaytan <hgaytan@hazmatspecialservices.com>; Green, Garrett J <garrett.green@exxonmobil.com>; DelawareSpills /SM <DelawareSpills@exxonmobil.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>
Subject: RE: [EXTERNAL] NAPP2201254527 - Alternative Sampling Plan and Confirmation Sampling Notification/ 90-day extension

RE: Incident #**NAPP2201254527**

Adrian,

Your request for an extension to **September 26th, 2022** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

The variance request for **500 ft²** composite confirmation sample size is approved. Please include a copy of this variance approval in the remedial and/or closure reports to ensure the document is included in the project file.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Baker, Adrian <adrian.baker@exxonmobil.com>
Sent: Tuesday, June 21, 2022 8:24 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Cc: Heriberto Gaytan <hgaytan@hazmatspecialservices.com>; Green, Garrett J <garrett.green@exxonmobil.com>; DelawareSpills /SM <DelawareSpills@exxonmobil.com>
Subject: [EXTERNAL] NAPP2201254527 - Alternative Sampling Plan and Confirmation Sampling Notification/ 90-day extension

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

Mike,

This is sent on behalf of Haz Mat Services, they have been contracted as the environmental consultant for Purity Oil Field Service. Purity was working for XTO when they caused a release to the pasture during water transfer activities. I believe Mr. Gaytan (cc'd) spoke with you already, he would like to request the following:

NAPP2201254527 - Alternative Sampling Plan and Confirmation Sampling Notification/ 90-day extension:

1. This email has been prepared to request an alternative sampling plan to include the collection of 5-point composite soil samples representing every 500 sq. ft. at XTO ENERGY/ PURITY OILFIELD SERVICE PLU SOUTH FRAC POND RELEASE Reportable Release Site. A majority of the approximate 8 ACRES affected area has been excavated in accordance with the NMOCD using chloride field screens to help guide the excavation. Haz Mat Special Services anticipates beginning the collection of excavation confirmation soil samples during the week of June 24, 2022. The request for an alternative sampling plan is based on the size of the release and the immediate response; remediation activities have been ongoing since the release occurred.
2. XTO Energy is requesting an extension for the current deadline of June 26, 2022 for completing a remediation workplan or Closure report required in 19.15.29.B.(1) NMAC at the XTO PLU South Frac Pond Incident #NAPP2201254527. The release was discovered December 29, 2021. A connection on a lay flat frac fluid line malfunctioned during frac operations. Frac fluids were released across approximately 8 acres. On January 25, 2022, an archeological survey was performed on the area. After discussions on approval with all parties associated with release, access was granted to start remediation efforts. Haz Mat Special Services continues excavation activities in accordance with NMOCD regulations. To provide enough time to finalize remediation work, and to complete a remediation work plan or closure report, XTO requests a 90-day extension of the current deadline until September 26, 2022.

Adrian Baker

Environmental Coordinator
Permian Business Unit

XTO Energy Inc.
6401 N. Holiday Hill Dr.

Midland, Tx 79707

Mobile:(432)-236-3808

adrian.baker@exxonmobil.com

APPENDIX D

CARMONA RESOURCES



Nearest water well

XTO Energy

Legend

- 0.50 Mile Radius
- 1.26 Miles
- 1.75 Miles
- NMSEO Water Well
- PLU 423 South Frac Pond
- USGS Water Well



PLU 423 South Frac Pond

264.60' - Drilled 1998 263' - Drilled 1959

277' - Drilled 2015

5000 ft

N

LOW KARST

XTO Energy

Legend

- High
- Low
- Medium
- PLU 423 South Frac Pond

PLU 423 South Frac Pond

4 mi

N



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USGS Water Resources

Data Category:
Groundwater

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Agency code = usgs
site_no list =

- 320629103533001

Minimum number of levels = 1
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USGS 320629103533001 25S.30E.21.33342

Eddy County, New Mexico
Latitude 32°06'29", Longitude 103°53'30" NAD27
Land-surface elevation 3,209 feet above NAVD88
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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
1959-02-05			D	62610	2944.36	NGVD29	1		Z	
1959-02-05			D	62611	2946.00	NAVD88	1		Z	
1959-02-05			D	72019	263.00		1		Z	

Explanation

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

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0.27 0.24 nadww01



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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320628103533001

Minimum number of levels = 1

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USGS 320628103533001 25S.30E.21.333424

Eddy County, New Mexico

Latitude 32°06'28", Longitude 103°53'30" NAD27

Land-surface elevation 3,207 feet above NAVD88

The depth of the well is 288 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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
1958-08-21			D 62610		2972.36	NGVD29	1		Z	
1958-08-21			D 62611		2974.00	NAVD88	1		Z	
1958-08-21			D 72019	233.00			1		Z	
1959-02-05			D 62610		2939.26	NGVD29	P		Z	
1959-02-05			D 62611		2940.90	NAVD88	P		Z	
1959-02-05			D 72019	266.10			P		Z	
1983-02-01			D 62610		2945.48	NGVD29	1		Z	
1983-02-01			D 62611		2947.12	NAVD88	1		Z	
1983-02-01			D 72019	259.88			1		Z	
1998-01-28			D 62610		2940.76	NGVD29	1		S	
1998-01-28			D 62611		2942.40	NAVD88	1		S	
1998-01-28			D 72019	264.60			1		S	

Explanation

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

Section	Code	Description
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
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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0.29 0.25 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

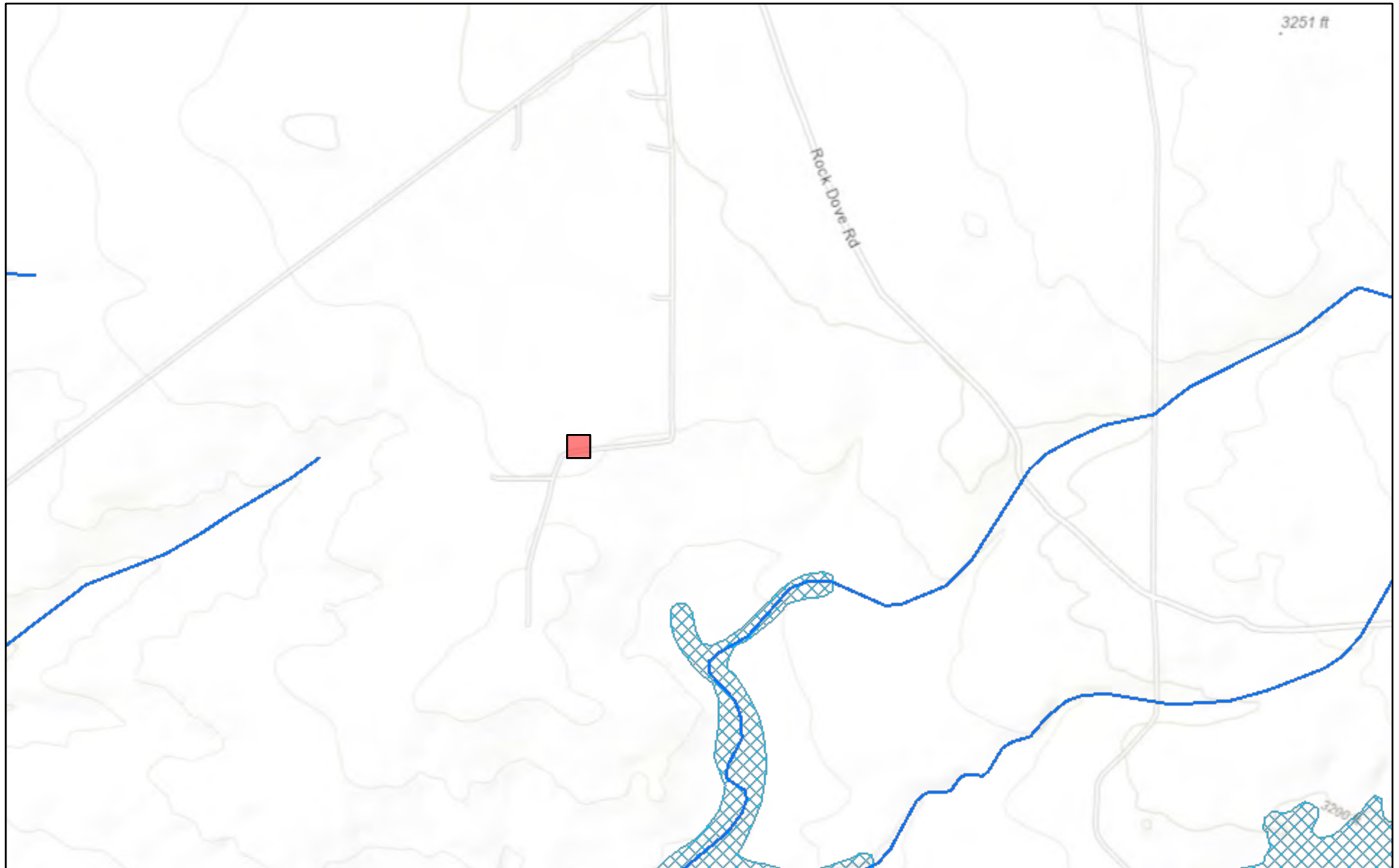
		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)				(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y		
C	03782 POD1	4	3	3	28	25S	30E	604526	3551444		
Driller License: 331		Driller Company:				SBQ2, LLC DBA STEWART BROTHERS DRILLING CO.					
Driller Name:											
Drill Start Date: 01/16/2015		Drill Finish Date:				01/17/2015		Plug Date:			
Log File Date: 02/19/2015		PCW Rcv Date:						Source:		Artesian	
Pump Type:		Pipe Discharge Size:						Estimated Yield:			
Casing Size: 8.63		Depth Well:				805 feet		Depth Water:		277 feet	

Water Bearing Stratifications:		Top	Bottom	Description
		260	320	Sandstone/Gravel/Conglomerate
		320	380	Sandstone/Gravel/Conglomerate
		380	410	Sandstone/Gravel/Conglomerate
		410	530	Shale/Mudstone/Siltstone
		530	590	Shale/Mudstone/Siltstone
		590	600	Shale/Mudstone/Siltstone
		600	630	Shale/Mudstone/Siltstone
		630	650	Shale/Mudstone/Siltstone
		650	700	Shale/Mudstone/Siltstone
		700	710	Shale/Mudstone/Siltstone
		710	760	Shale/Mudstone/Siltstone
		760	770	Shale/Mudstone/Siltstone
		770	780	Shale/Mudstone/Siltstone
		780	790	Shale/Mudstone/Siltstone
		790	805	Shale/Mudstone/Siltstone

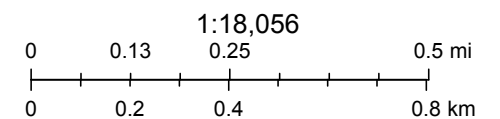
Casing Perforations:		Top	Bottom
		270	805

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New Mexico NFHL Data



August 8, 2022



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

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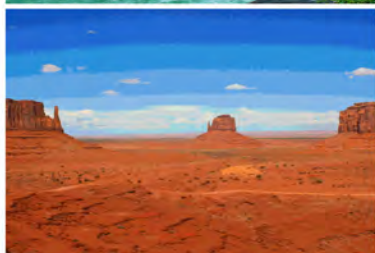
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APPENDIX E

CARMONA RESOURCES



Report to:
Conner Moehring



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206206

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/30/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 6/30/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206206
Date Received: 6/29/2022 6:45:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:45:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Rayny Hagan
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Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 06/30/22 17:17
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1 (3')	E206206-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-2 (3')	E206206-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-3 (3')	E206206-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-4 (3')	E206206-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-5 (3')	E206206-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-6 (3')	E206206-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-7 (3')	E206206-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-8 (3')	E206206-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-9 (3')	E206206-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-10 (3')	E206206-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-11 (3')	E206206-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-12 (3')	E206206-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-13 (3')	E206206-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-14 (3')	E206206-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-15 (3')	E206206-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-16 (3')	E206206-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-17 (3')	E206206-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-18 (3')	E206206-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-19 (3')	E206206-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-20 (3')	E206206-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 5:17:28PM
---	---	----------------------------------

CS-1 (3')

E206206-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	96.0 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	96.0 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	113 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	22.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-2 (3')

E206206-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	96.3 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	96.3 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	121 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	41.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-3 (3')

E206206-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	108 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	117	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-4 (3')

E206206-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	114 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	89.0	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-5 (3')

E206206-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	98.5 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	61.1	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-6 (3')

E206206-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	45.7	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-7 (3')

E206206-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	110 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	112	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-8 (3')

E206206-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	103 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	102	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-9 (3')

E206206-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	100 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	43.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-10 (3')

E206206-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	39.9	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-11 (3')

E206206-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	83.6 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	ND	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-12 (3')

E206206-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	ND	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-13 (3')

E206206-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	64.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-14 (3')

E206206-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	108 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	77.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-15 (3')

E206206-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	129	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-16 (3')

E206206-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	103 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	126	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-17 (3')

E206206-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	93.0 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	125	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-18 (3')

E206206-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	44.7	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-19 (3')

E206206-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	105	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 5:17:28PM

CS-20 (3')

E206206-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227061
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	115 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227065
Chloride	111	20.0	1	06/29/22	06/29/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 5:17:28PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227062-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.527		0.500		105	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.3	70-130			

LCS (2227062-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	2.40	0.0250	2.50		96.2	70-130			
Ethylbenzene	2.37	0.0250	2.50		94.9	70-130			
Toluene	2.36	0.0250	2.50		94.3	70-130			
o-Xylene	2.46	0.0250	2.50		98.2	70-130			
p,m-Xylene	4.82	0.0500	5.00		96.3	70-130			
Total Xylenes	7.27	0.0250	7.50		96.9	70-130			
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

LCS Dup (2227062-BSD1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	2.33	0.0250	2.50		93.2	70-130	3.10	23	
Ethylbenzene	2.30	0.0250	2.50		92.0	70-130	3.10	27	
Toluene	2.26	0.0250	2.50		90.5	70-130	4.16	24	
o-Xylene	2.38	0.0250	2.50		95.0	70-130	3.29	27	
p,m-Xylene	4.66	0.0500	5.00		93.1	70-130	3.37	27	
Total Xylenes	7.03	0.0250	7.50		93.8	70-130	3.34	27	
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 5:17:28PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227062-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.527		0.500		105	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.3	70-130			

LCS (2227062-BS2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			

LCS Dup (2227062-BSD2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.4	70-130	1.11	20	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 5:17:28PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227061-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.2		50.0		104	50-200			

LCS (2227061-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	519	25.0	500		104	38-132			
Surrogate: n-Nonane	57.2		50.0		114	50-200			

Matrix Spike (2227061-MS1)

Source: E206206-12

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	547	25.0	500	ND	109	38-132			
Surrogate: n-Nonane	60.7		50.0		121	50-200			

Matrix Spike Dup (2227061-MSD1)

Source: E206206-12

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	640	25.0	500	ND	128	38-132	15.6	20	
Surrogate: n-Nonane	73.4		50.0		147	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 5:17:28PM
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Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227065-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride ND 20.0

LCS (2227065-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride 234 20.0 250 93.7 90-110

Matrix Spike (2227065-MS1)

Source: E206206-01

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride 265 20.0 250 22.2 97.1 80-120

Matrix Spike Dup (2227065-MSD1)

Source: E206206-01

Prepared: 06/29/22 Analyzed: 06/29/22

Chloride 268 20.0 250 22.2 98.4 80-120 1.28 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	06/30/22 17:17

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E206206
 Job# 22010-0001

Page 1 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☒ R ☐ Su ☐ rfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ T ☐ P ☐ vel IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:	XTO-PLU 423 South Frac Pond		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes					
Project Number:	1080		☐ Routine ☒ Rush			Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0 HOLD																None: NO DI Water: H ₂ O				
Project Location:	Eddy Co, NM		Due Date: 24HRS																				Cool: Cool MeOH: Me				
Sampler's Name:	CM																						HCL: HC HNO ₃ : HN				
PO #:					H ₂ SO ₄ : H ₂ NaOH: Na																						
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	☒ Yes ☐ No																						
Received Intact:		☒ Yes ☐ No	Thermometer ID:																								
Cooler Custody Seals:		Yes No N/A	Correction Factor:																								
Sample Custody Seals:		Yes No N/A	Temperature Reading:		4																						
Total Containers:				Corrected Temperature:																							
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments				
CS-1 (3')	6/23/2022		X		C	1	X	X	X																		
CS-2 (3')	6/23/2022		X		C	1	X	X	X																		
CS-3 (3')	6/23/2022		X		C	1	X	X	X																		
CS-4 (3')	6/23/2022		X		C	1	X	X	X																		
CS-5 (3')	6/23/2022		X		C	1	X	X	X																		
CS-6 (3')	6/23/2022		X		C	1	X	X	X																		
CS-7 (3')	6/23/2022		X		C	1	X	X	X																		
CS-8 (3')	6/23/2022		X		C	1	X	X	X																		
CS-9 (3')	6/23/2022		X		C	1	X	X	X																		
CS-10 (3')	6/23/2022		X		C	1	X	X	X																		

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com, and Eddy Gayton (hgaytan@hazmatspecialservices.com)

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Mike Carmona</i>	6-28-22 6-28-22	<i>Conner Moehring</i>	6-28-22 6/29/22 6:45

Chain of Custody

Work Order No: E206206
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ R ☐ Su ☐ rfund ☐	State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TH ☐ P ☐ vel IV ☐	Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-11 (3')		6/23/2022				X				C		1		X X X													
CS-12 (3')		6/23/2022				X				C		1		X X X													
CS-13 (3')		6/23/2022				X				C		1		X X X													
CS-14 (3')		6/23/2022				X				C		1		X X X													
CS-15 (3')		6/23/2022				X				C		1		X X X													
CS-16 (3')		6/23/2022				X				C		1		X X X													
CS-17 (3')		6/23/2022				X				C		1		X X X													
CS-18 (3')		6/23/2022				X				C		1		X X X													
CS-19 (3')		6/23/2022				X				C		1		X X X													
CS-20 (3')		6/23/2022				X				C		1		X X X													

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22				6/29/22 6:48	

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:15:26PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:45	Work Order ID:	E206206
Phone:	(432) 813-6823	Date Logged In:	06/28/22 16:46	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

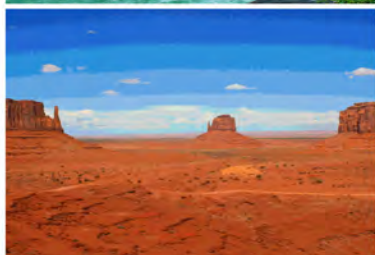
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206207

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/30/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 6/30/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206207
Date Received: 6/29/2022 6:45:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:45:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 06/30/22 16:06
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-21 (3')	E206207-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-22 (3')	E206207-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-23 (3')	E206207-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-24 (3')	E206207-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-25 (3')	E206207-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-26 (3')	E206207-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-27 (3')	E206207-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-28 (3')	E206207-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-29 (3')	E206207-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-30 (3')	E206207-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-31 (3')	E206207-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-32 (3')	E206207-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-33 (3')	E206207-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-34 (3')	E206207-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-35 (3')	E206207-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-36 (3')	E206207-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-37 (3')	E206207-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-38 (3')	E206207-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-39 (3')	E206207-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-40 (3')	E206207-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:06:58PM
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CS-21 (3')

E206207-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: 4-Bromochlorobenzene-PID	93.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2227066
Chloride	39.9	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-22 (3')

E206207-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	47.5	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-23 (3')

E206207-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	ND	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-24 (3')

E206207-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.8 %	70-130	06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.1 %	70-130	06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	ND	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-25 (3')

E206207-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	77.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-26 (3')

E206207-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	68.1	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-27 (3')

E206207-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	143	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-28 (3')

E206207-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	28.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-29 (3')

E206207-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	134	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-30 (3')

E206207-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/29/22	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		06/29/22	06/29/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	415	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-31 (3')

E206207-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	408	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-32 (3')

E206207-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.7 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	25.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-33 (3')

E206207-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.3 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	20.6	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-34 (3')

E206207-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.7 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	35.6	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-35 (3')

E206207-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.0 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.3 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	36.8	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-36 (3')

E206207-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	20.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-37 (3')

E206207-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.8 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	22.5	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-38 (3')

E206207-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.3 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	60.0	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-39 (3')

E206207-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		82.7 %	70-130	06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		84.9 %	70-130	06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
		123 %	50-200	06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	61.9	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:06:58PM

CS-40 (3')

E206207-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227063
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227066
Chloride	378	20.0	1	06/29/22	06/29/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:06:58PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227063-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.4	70-130			

LCS (2227063-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	5.43	0.0250	5.00		109	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.5	70-130			
Toluene	5.14	0.0250	5.00		103	70-130			
o-Xylene	4.99	0.0250	5.00		99.9	70-130			
p,m-Xylene	9.94	0.0500	10.0		99.4	70-130			
Total Xylenes	14.9	0.0250	15.0		99.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.3	70-130			

LCS Dup (2227063-BSD1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	5.48	0.0250	5.00		110	70-130	0.859	20	
Ethylbenzene	4.87	0.0250	5.00		97.3	70-130	0.819	20	
Toluene	5.19	0.0250	5.00		104	70-130	0.870	20	
o-Xylene	5.04	0.0250	5.00		101	70-130	0.989	20	
p,m-Xylene	10.0	0.0500	10.0		100	70-130	0.865	20	
Total Xylenes	15.1	0.0250	15.0		100	70-130	0.907	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.8	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:06:58PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227063-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.4	70-130			

LCS (2227063-BS2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0		95.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.2	70-130			

LCS Dup (2227063-BSD2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130	7.79	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	6/30/2022 4:06:58PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227060-BLK1) Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.6		50.0		115	50-200			

LCS (2227060-BS1) Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	494	25.0	500		98.7	38-132			
Surrogate: n-Nonane	48.4		50.0		96.7	50-200			

Matrix Spike (2227060-MS1) Source: E206207-08 Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	523	25.0	500	ND	105	38-132			
Surrogate: n-Nonane	49.7		50.0		99.4	50-200			

Matrix Spike Dup (2227060-MSD1) Source: E206207-08 Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	513	25.0	500	ND	103	38-132	1.93	20	
Surrogate: n-Nonane	49.5		50.0		99.1	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	6/30/2022 4:06:58PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227066-BLK1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	ND	20.0							
LCS (2227066-BS1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	242	20.0	250		96.9	90-110			
Matrix Spike (2227066-MS1)					Source: E206207-01		Prepared: 06/29/22 Analyzed: 06/29/22		
Chloride	226	20.0	250	39.9	74.4	80-120			M2
Matrix Spike Dup (2227066-MSD1)					Source: E206207-01		Prepared: 06/29/22 Analyzed: 06/29/22		
Chloride	286	20.0	250	39.9	98.3	80-120	23.4	20	R3

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	06/30/22 16:06

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E206207

Job #22010-0001

Page 3 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hqaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaP ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST														Preservative Codes									
Project Number:		1080		☐ Routine ☒ Rush																None: NO DI Water: H ₂ O									
Project Location		Eddy Co, NM		Due Date:																Cool: Cool MeOH: Me									
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN									
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No																H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																		NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																		Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4																Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																Sample Comments	
CS-21 (3')		6/23/2022				X				C		1		X X X															
CS-22 (3')		6/23/2022				X				C		1		X X X															
CS-23 (3')		6/23/2022				X				C		1		X X X															
CS-24 (3')		6/23/2022				X				C		1		X X X															
CS-25 (3')		6/23/2022				X				C		1		X X X															
CS-26 (3')		6/23/2022				X				C		1		X X X															
CS-27 (3')		6/23/2022				X				C		1		X X X															
CS-28 (3')		6/23/2022				X				C		1		X X X															
CS-29 (3')		6/23/2022				X				C		1		X X X															
CS-30 (3')		6/23/2022				X				C		1		X X X															

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	
Mike				6-28-22		Mike Chute				6-28-22	
R-208				6-28-22						6/29/22 10:45	

Page 4 of 46

Work Order Comments			
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐		
State of Project:			
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐		
Deliverables:	EDD ☐ ADaPT ☐ Other:		

[illegible]Page 32 of 33

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:27:19PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:45	Work Order ID:	E206207
Phone:	(432) 813-6823	Date Logged In:	06/28/22 16:52	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

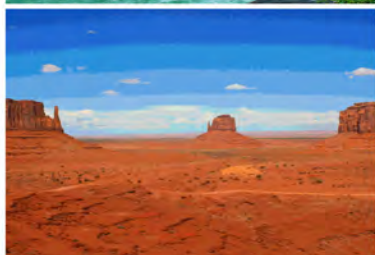
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206208

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/30/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 6/30/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206208
Date Received: 6/29/2022 6:45:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:45:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 06/30/22 16:31
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-41 (3')	E206208-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-42 (3')	E206208-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-43 (3')	E206208-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-44 (3')	E206208-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-45 (3')	E206208-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-46 (3')	E206208-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-47 (3')	E206208-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-48 (3')	E206208-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-49 (3')	E206208-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-50 (3')	E206208-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-51 (3')	E206208-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-52 (3')	E206208-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-53 (3')	E206208-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-54 (3')	E206208-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-55 (3')	E206208-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-56 (3')	E206208-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-57 (3')	E206208-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-58 (3')	E206208-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-59 (3')	E206208-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-60 (3')	E206208-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:31:39PM
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CS-41 (3')

E206208-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227064	
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	84.5 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	81.3 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2227059	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>	122 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227067	
Chloride	531	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-42 (3')

E206208-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.6 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.1 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	ND	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-43 (3')

E206208-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.2 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.4 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	46.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-44 (3')

E206208-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	159	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-45 (3')

E206208-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	131 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	153	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-46 (3')

E206208-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	133 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	51.5	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-47 (3')

E206208-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	46.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-48 (3')

E206208-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	128 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	52.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-49 (3')

E206208-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	132 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	279	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-50 (3')

E206208-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	27.6	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-51 (3')

E206208-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	129	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-52 (3')

E206208-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	82.2	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-53 (3')

E206208-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	74.9	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-54 (3')

E206208-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	329	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-55 (3')

E206208-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	125 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	32.6	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-56 (3')

E206208-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227064	
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2227059	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	123 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2227067	
Chloride	123	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-57 (3')

E206208-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	133 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	79.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-58 (3')

E206208-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	77.1	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-59 (3')

E206208-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	128	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
6/30/2022 4:31:39PM

CS-60 (3')

E206208-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227064
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227059
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227067
Chloride	64.3	20.0	1	06/29/22	06/29/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:31:39PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227064-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.79		8.00		84.8	70-130			

LCS (2227064-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	5.78	0.0250	5.00		116	70-130			
Ethylbenzene	5.51	0.0250	5.00		110	70-130			
Toluene	5.97	0.0250	5.00		119	70-130			
o-Xylene	5.39	0.0250	5.00		108	70-130			
p,m-Xylene	11.1	0.0500	10.0		111	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.1	70-130			

LCS Dup (2227064-BSD1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	5.91	0.0250	5.00		118	70-130	2.31	20	
Ethylbenzene	5.65	0.0250	5.00		113	70-130	2.41	20	
Toluene	6.12	0.0250	5.00		122	70-130	2.44	20	
o-Xylene	5.52	0.0250	5.00		110	70-130	2.39	20	
p,m-Xylene	11.4	0.0500	10.0		114	70-130	2.51	20	
Total Xylenes	16.9	0.0250	15.0		113	70-130	2.47	20	
Surrogate: 4-Bromochlorobenzene-PID	6.72		8.00		84.0	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:31:39PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227064-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.73		8.00		84.2	70-130			

LCS (2227064-BS2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.44		8.00		80.5	70-130			

LCS Dup (2227064-BSD2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130	0.141	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.43		8.00		80.4	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 6/30/2022 4:31:39PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227059-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	61.1		50.0		122	50-200			

LCS (2227059-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	530	25.0	500		106	38-132			
Surrogate: <i>n</i> -Nonane	61.8		50.0		124	50-200			

Matrix Spike (2227059-MS1)

Source: E206208-18

Prepared: 06/29/22 Analyzed: 06/29/22

Diesel Range Organics (C10-C28)	519	25.0	500	ND	104	38-132			
Surrogate: <i>n</i> -Nonane	59.1		50.0		118	50-200			

Matrix Spike Dup (2227059-MSD1)

Source: E206208-18

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	566	25.0	500	ND	113	38-132	8.79	20	
Surrogate: <i>n</i> -Nonane	66.5		50.0		133	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	6/30/2022 4:31:39PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227067-BLK1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	ND	20.0							
LCS (2227067-BS1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	234	20.0	250		93.6	90-110			
Matrix Spike (2227067-MS1)					Source: E206208-01		Prepared: 06/29/22 Analyzed: 06/29/22		
Chloride	765	20.0	250	531	94.0	80-120			
Matrix Spike Dup (2227067-MSD1)					Source: E206208-01		Prepared: 06/29/22 Analyzed: 06/29/22		
Chloride	809	20.0	250	531	111	80-120	5.49	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	06/30/22 16:31

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E206208
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other: ☐

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me			
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN			
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP	
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	HOLD												Sample Comments			
CS-41 (3')		6/23/2022		X		C	1	X	X	X													
CS-42 (3')		6/23/2022		X		C	1	X	X	X													
CS-43 (3')		6/23/2022		X		C	1	X	X	X													
CS-44 (3')		6/23/2022		X		C	1	X	X	X													
CS-45 (3')		6/23/2022		X		C	1	X	X	X													
CS-46 (3')		6/23/2022		X		C	1	X	X	X													
CS-47 (3')		6/23/2022		X		C	1	X	X	X													
CS-48 (3')		6/23/2022		X		C	1	X	X	X													
CS-49 (3')		6/23/2022		X		C	1	X	X	X													
CS-50 (3')		6/23/2022		X		C	1	X	X	X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22				6/29/22 6:45	

Chain of Custody

Work Order No: E2060208
Job # 22010-0001Page 6 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting: Level II	☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD	☐ ADaPT ☐ Other:

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST												Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code												None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0 HOLD												Cool: Cool MeOH: Me	
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN	
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:														☒ Yes ☐ No	
Received Intact:		☒ Yes ☐ No		N/A		Correction Factor:				NaHSO ₄ : NABIS		Na ₂ S ₂ O ₃ : NaSO ₃									
Cooler Custody Seals:		Yes No		N/A		Temperature Reading:		4		Zn Acetate+NaOH: Zn		NaOH+Ascorbic Acid: SAPC									
Sample Custody Seals:		Yes No		N/A		Corrected Temperature:															
Total Containers:																					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont		Sample Comments							
CS-51 (3')		6/23/2022				X				C		1		X X X							
CS-52 (3')		6/23/2022				X				C		1		X X X							
CS-53 (3')		6/23/2022				X				C		1		X X X							
CS-54 (3')		6/23/2022				X				C		1		X X X							
CS-55 (3')		6/23/2022				X				C		1		X X X							
CS-56 (3')		6/23/2022				X				C		1		X X X							
CS-57 (3')		6/23/2022				X				C		1		X X X							
CS-58 (3')		6/23/2022				X				C		1		X X X							
CS-59 (3')		6/23/2022				X				C		1		X X X							
CS-60 (3')		6/23/2022				X				C		1		X X X							

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	
				6-28-22						6-28-22	
				6-28-22						6/29/22 6:45	

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:28:23PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:45	Work Order ID:	E206208
Phone:	(432) 813-6823	Date Logged In:	06/28/22 16:54	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

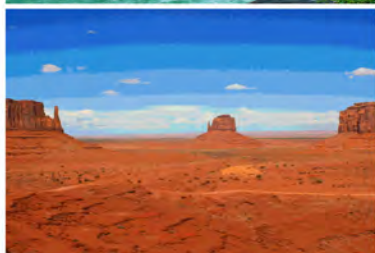
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206209

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/1/22

Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701



Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206209
Date Received: 6/29/2022 6:50:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:50:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/01/22 13:25
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-61 (3')	E206209-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-62 (3')	E206209-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-63 (3')	E206209-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-64 (3')	E206209-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-65 (3')	E206209-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-66 (3')	E206209-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-67 (3')	E206209-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-68 (3')	E206209-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-69 (3')	E206209-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-70 (3')	E206209-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-71 (3')	E206209-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-72 (3')	E206209-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-73 (3')	E206209-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-74 (3')	E206209-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-75 (3')	E206209-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-76 (3')	E206209-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-77 (3')	E206209-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-78 (3')	E206209-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-79 (3')	E206209-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-80 (3')	E206209-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:25:36PM
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CS-61 (3')

E206209-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227068	
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: 4-Bromochlorobenzene-PID	93.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227068	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227058	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227073	
Chloride	203	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-62 (3')

E206209-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	181	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-63 (3')

E206209-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.0 %	70-130	06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.5 %	70-130	06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
		119 %	50-200	06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	114	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-64 (3')

E206209-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	123	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-65 (3')

E206209-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	56.0	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-66 (3')

E206209-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	204	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-67 (3')

E206209-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	183	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-68 (3')

E206209-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	165	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-69 (3')

E206209-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	74.8	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-70 (3')

E206209-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	154	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-71 (3')

E206209-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	174	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-72 (3')

E206209-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	96.3 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	182	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-73 (3')

E206209-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	155	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-74 (3')

E206209-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	23.3	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-75 (3')

E206209-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	131 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	129	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-76 (3')

E206209-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	254	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-77 (3')

E206209-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	277	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-78 (3')

E206209-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	113	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-79 (3')

E206209-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	206	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:25:36PM

CS-80 (3')

E206209-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227068
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227073
Chloride	26.7	20.0	1	06/29/22	06/29/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:25:36PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227068-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.2	70-130			

LCS (2227068-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	5.47	0.0250	5.00		109	70-130			
Ethylbenzene	4.84	0.0250	5.00		96.7	70-130			
Toluene	5.16	0.0250	5.00		103	70-130			
o-Xylene	5.01	0.0250	5.00		100	70-130			
p,m-Xylene	9.96	0.0500	10.0		99.6	70-130			
Total Xylenes	15.0	0.0250	15.0		99.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.2	70-130			

LCS Dup (2227068-BSD1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	5.52	0.0250	5.00		110	70-130	0.984	20	
Ethylbenzene	4.89	0.0250	5.00		97.7	70-130	1.00	20	
Toluene	5.22	0.0250	5.00		104	70-130	1.07	20	
o-Xylene	5.06	0.0250	5.00		101	70-130	1.00	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	0.953	20	
Total Xylenes	15.1	0.0250	15.0		101	70-130	0.969	20	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:25:36PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227068-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.3	70-130			

LCS (2227068-BS2)

Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	52.1	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			

LCS Dup (2227068-BSD2)

Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	50.4	20.0	50.0		101	70-130	3.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:25:36PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227058-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	58.5		50.0		117	50-200			

LCS (2227058-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	572	25.0	500		114	38-132			
Surrogate: <i>n</i> -Nonane	55.7		50.0		111	50-200			

Matrix Spike (2227058-MS1)

Source: E206209-17

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	521	25.0	500	ND	104	38-132			
Surrogate: <i>n</i> -Nonane	55.1		50.0		110	50-200			

Matrix Spike Dup (2227058-MSD1)

Source: E206209-17

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	524	25.0	500	ND	105	38-132	0.443	20	
Surrogate: <i>n</i> -Nonane	54.6		50.0		109	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 1:25:36PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227073-BLK1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	ND	20.0							
LCS (2227073-BS1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	249	20.0	250		99.5	90-110			
LCS Dup (2227073-BSD1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	248	20.0	250		99.3	90-110	0.209	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/01/22 13:25

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page 7 of 46

Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	☒ RC Superfund
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	☒ TRP Level IV
Deliverables: EDD	☐ ADaPT	Other:	

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Chain of Custody

Work Order No: E206209
Job # 22010-0001

Page 8 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hqaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ C ☐ S ☐ erfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes						
Project Number:	1080	☐ Routine	☒ Rush	Due Date:	24HRS																		None: NO	DI Water: H ₂ O					
Project Location	Eddy Co, NM	SAMPLER'S NAME:		CM	PO #:		Parameters	BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD																	Cool: Cool	MeOH: Me
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	☒ Yes ☐ No																	HCL: HC	HNO ₃ : HN						
Received Intact:	☒ Yes ☐ No	Thermometer ID:																		H ₂ SO ₄ : H ₂	NaOH: Na								
Cooler Custody Seals:	Yes No N/A	Correction Factor:																		H ₃ PO ₄ : HP									
Sample Custody Seals:	Yes No N/A	Temperature Reading:		4																	NaHSO ₄ : NABIS								
Total Containers:		Corrected Temperature:																		Na ₂ S ₂ O ₃ : NaSO ₃									
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments					
CS-71 (3')	6/23/2022			X		C	1	X	X	X																			
CS-72 (3')	6/23/2022			X		C	1	X	X	X																			
CS-73 (3')	6/23/2022			X		C	1	X	X	X																			
CS-74 (3')	6/23/2022			X		C	1	X	X	X																			
CS-75 (3')	6/23/2022			X		C	1	X	X	X																			
CS-76 (3')	6/23/2022			X		C	1	X	X	X																			
CS-77 (3')	6/23/2022			X		C	1	X	X	X																			
CS-78 (3')	6/23/2022			X		C	1	X	X	X																			
CS-79 (3')	6/23/2022			X		C	1	X	X	X																			
CS-80 (3')	6/23/2022			X		C	1	X	X	X																			

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Mike [Signature]</i>	6-28-22	<i>Carla Chuter</i>	6-28-22
	6-28-22		6/29/22 6:51

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:31:49PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:50	Work Order ID:	E206209
Phone:	(432) 813-6823	Date Logged In:	06/28/22 16:56	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

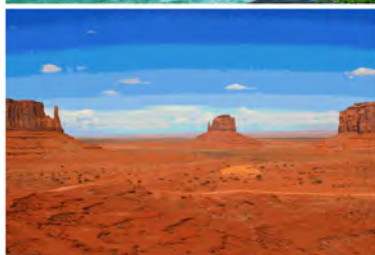
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206210

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/1/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206210
Date Received: 6/29/2022 6:50:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:50:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/01/22 17:34
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-81 (3')	E206210-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-82 (3')	E206210-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-83 (3')	E206210-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-84 (3')	E206210-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-85 (3')	E206210-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-86 (3')	E206210-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-87 (3')	E206210-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-88 (3')	E206210-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-89 (3')	E206210-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-90 (3')	E206210-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-91 (3')	E206210-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-92 (3')	E206210-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-93 (3')	E206210-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-94 (3')	E206210-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-95 (3')	E206210-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-96 (3')	E206210-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-97 (3')	E206210-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-98 (3')	E206210-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-99 (3')	E206210-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-100 (3')	E206210-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:34:16PM
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CS-81 (3')

E206210-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227069	
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	84.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	79.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2227057	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>	132 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227074	
Chloride	129	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-82 (3')

E206210-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	231	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-83 (3')

E206210-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	135 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	108	20.0	1	06/29/22	06/29/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-84 (3')

E206210-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	134 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	113	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-85 (3')

E206210-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	94.3	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-86 (3')

E206210-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	130 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	255	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-87 (3')

E206210-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	128 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	307	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-88 (3')

E206210-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	132 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	150	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-89 (3')

E206210-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	137 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	182	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-90 (3')

E206210-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	130 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	236	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-91 (3')

E206210-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	146 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	172	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-92 (3')

E206210-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	134 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	198	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-93 (3')

E206210-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	132	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-94 (3')

E206210-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	132	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-95 (3')

E206210-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	111	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-96 (3')

E206210-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	111	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-97 (3')

E206210-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	34.4	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-98 (3')

E206210-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	132 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	207	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-99 (3')

E206210-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	138 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	ND	200	10	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:34:16PM

CS-100 (3')

E206210-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227069
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	128 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227074
Chloride	99.6	20.0	1	06/29/22	06/30/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:34:16PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227069-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.94		8.00		86.8	70-130			

LCS (2227069-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	5.51	0.0250	5.00		110	70-130			
Ethylbenzene	5.28	0.0250	5.00		106	70-130			
Toluene	5.72	0.0250	5.00		114	70-130			
o-Xylene	5.20	0.0250	5.00		104	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.90		8.00		86.3	70-130			

LCS Dup (2227069-BSD1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	5.52	0.0250	5.00		110	70-130	0.0898	20	
Ethylbenzene	5.26	0.0250	5.00		105	70-130	0.287	20	
Toluene	5.71	0.0250	5.00		114	70-130	0.235	20	
o-Xylene	5.23	0.0250	5.00		105	70-130	0.635	20	
p,m-Xylene	10.7	0.0500	10.0		107	70-130	0.0472	20	
Total Xylenes	15.9	0.0250	15.0		106	70-130	0.240	20	
Surrogate: 4-Bromochlorobenzene-PID	6.91		8.00		86.4	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 5:34:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227069-BLK1) Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			

LCS (2227069-BS2) Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	39.9	20.0	50.0		79.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.38		8.00		79.8	70-130			

LCS Dup (2227069-BSD2) Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	41.5	20.0	50.0		83.0	70-130	3.84	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.42		8.00		80.3	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:34:16PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227057-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	62.7		50.0		125	50-200			

LCS (2227057-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	548	25.0	500		110	38-132			
Surrogate: <i>n</i> -Nonane	57.4		50.0		115	50-200			

Matrix Spike (2227057-MS1)

Source: E206210-10

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	543	25.0	500	ND	109	38-132			
Surrogate: <i>n</i> -Nonane	38.4		50.0		76.9	50-200			

Matrix Spike Dup (2227057-MSD1)

Source: E206210-10

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	554	25.0	500	ND	111	38-132	2.00	20	
Surrogate: <i>n</i> -Nonane	71.5		50.0		143	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 5:34:16PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227074-BLK1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	ND	20.0							
LCS (2227074-BS1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	254	20.0	250		102	90-110			
LCS Dup (2227074-BSD1)					Prepared: 06/29/22 Analyzed: 06/29/22				
Chloride	245	20.0	250		98.1	90-110	3.74	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/01/22 17:34

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Released to Imaging: 7/22/2026 1:33:18 PM

Work Order Comments				
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Supplemental ☐			
State of Project:				
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ TRP ☐ Level IV ☐			
Deliverables:	EDD ☐ ADaPT ☐ Other:			

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Envirotech Analytical Laboratory

Printed: 6/29/2022 12:35:32PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:50	Work Order ID:	E206210
Phone:	(432) 813-6823	Date Logged In:	06/28/22 16:58	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

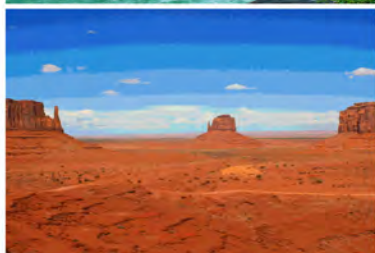
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206211

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/1/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206211
Date Received: 6/29/2022 6:50:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:50:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Laboratory Administrator
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/01/22 13:04
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-101 (3')	E206211-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-102 (3')	E206211-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-103 (3')	E206211-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-104 (3')	E206211-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-105 (3')	E206211-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-106 (3')	E206211-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-107 (3')	E206211-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-108 (3')	E206211-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-109 (3')	E206211-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-110 (3')	E206211-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-111 (3')	E206211-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-112 (3')	E206211-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-113 (3')	E206211-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-114 (3')	E206211-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-115 (3')	E206211-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-116 (3')	E206211-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-117 (3')	E206211-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-118 (3')	E206211-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-119 (3')	E206211-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-120 (3')	E206211-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:04:28PM
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CS-101 (3')

E206211-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2227070	
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
<i>Surrogate: Bromofluorobenzene</i>	96.6 %	70-130		06/29/22	06/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	105 %	70-130		06/29/22	06/29/22	
<i>Surrogate: Toluene-d8</i>	97.0 %	70-130		06/29/22	06/29/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2227070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
<i>Surrogate: Bromofluorobenzene</i>	96.6 %	70-130		06/29/22	06/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	105 %	70-130		06/29/22	06/29/22	
<i>Surrogate: Toluene-d8</i>	97.0 %	70-130		06/29/22	06/29/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227091	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>	105 %	50-200		06/29/22	06/30/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227086	
Chloride	94.9	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-102 (3')

E206211-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	314	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-103 (3')

E206211-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.5 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	95.5 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	42.4	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	137 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	43.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-104 (3')

E206211-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/29/22	
Toluene	ND	0.0250	1	06/29/22	06/29/22	
o-Xylene	ND	0.0250	1	06/29/22	06/29/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/29/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/29/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	108 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	135	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-105 (3')

E206211-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	103 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	91.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-106 (3')

E206211-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	93.7 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	102	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-107 (3')

E206211-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	119 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	38.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-108 (3')

E206211-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.6 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.6 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	108 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-109 (3')

E206211-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	87.7	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-110 (3')

E206211-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	119 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	106	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-111 (3')

E206211-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	96.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	96.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	113 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	111	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-112 (3')

E206211-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	96.7 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	27.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-113 (3')

E206211-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	140	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-114 (3')

E206211-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	92.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	92.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-115 (3')

E206211-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	96.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	96.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	31.2	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-116 (3')

E206211-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-117 (3')

E206211-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	104	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-118 (3')

E206211-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	115 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-119 (3')

E206211-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	121 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 1:04:28PM

CS-120 (3')

E206211-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227070
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227091
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227086
Chloride	ND	20.0	1	06/29/22	06/30/22	



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 1:04:28PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227070-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.474		0.500		94.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.528		0.500		106	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.2	70-130			

LCS (2227070-BS1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	2.45	0.0250	2.50		97.9	70-130			
Ethylbenzene	2.40	0.0250	2.50		96.0	70-130			
Toluene	2.38	0.0250	2.50		95.0	70-130			
o-Xylene	2.48	0.0250	2.50		99.1	70-130			
p,m-Xylene	4.89	0.0500	5.00		97.8	70-130			
Total Xylenes	7.37	0.0250	7.50		98.3	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS Dup (2227070-BSD1)

Prepared: 06/29/22 Analyzed: 06/29/22

Benzene	2.41	0.0250	2.50		96.6	70-130	1.40	23	
Ethylbenzene	2.42	0.0250	2.50		96.8	70-130	0.768	27	
Toluene	2.39	0.0250	2.50		95.7	70-130	0.692	24	
o-Xylene	2.49	0.0250	2.50		99.8	70-130	0.664	27	
p,m-Xylene	4.90	0.0500	5.00		98.1	70-130	0.255	27	
Total Xylenes	7.40	0.0250	7.50		98.6	70-130	0.393	27	
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:04:28PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD % %	RPD Limit %	Notes
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Blank (2227070-BLK1)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.474		0.500		94.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.528		0.500		106	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.2	70-130			

LCS (2227070-BS2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.3	70-130			
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.1	70-130			

LCS Dup (2227070-BSD2)

Prepared: 06/29/22 Analyzed: 06/29/22

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.3	70-130	1.10	20	
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 1:04:28PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227091-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	59.7		50.0		119	50-200			

LCS (2227091-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	588	25.0	500		118	38-132			
Surrogate: <i>n</i> -Nonane	59.6		50.0		119	50-200			

Matrix Spike (2227091-MS1)

Source: E206211-07

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	567	25.0	500	ND	113	38-132			
Surrogate: <i>n</i> -Nonane	55.9		50.0		112	50-200			

Matrix Spike Dup (2227091-MSD1)

Source: E206211-07

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	509	25.0	500	ND	102	38-132	10.9	20	
Surrogate: <i>n</i> -Nonane	53.2		50.0		106	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 1:04:28PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227086-BLK1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	ND	20.0							
LCS (2227086-BS1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	248	20.0	250		99.2	90-110			
LCS Dup (2227086-BSD1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	256	20.0	250		102	90-110	3.15	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/01/22 13:04

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E206211
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST										Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code												None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS												Cool: Cool MeOH: Me							
Sampler's Name:		CM																HCL: HC HNO ₃ : HN							
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No												H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4												Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-101 (3')		6/23/2022				X				C		1		X X X											
CS-102 (3')		6/23/2022				X				C		1		X X X											
CS-103 (3')		6/23/2022				X				C		1		X X X											
CS-104 (3')		6/23/2022				X				C		1		X X X											
CS-105 (3')		6/23/2022				X				C		1		X X X											
CS-106 (3')		6/23/2022				X				C		1		X X X											
CS-107 (3')		6/23/2022				X				C		1		X X X											
CS-108 (3')		6/23/2022				X				C		1		X X X											
CS-109 (3')		6/23/2022				X				C		1		X X X											
CS-110 (3')		6/23/2022				X				C		1		X X X											

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Mila</i>	6-28-22	<i>Heriberto Gayton</i>	6-28-22
<i>Reg</i>	6-28-22	<i>Matthew Chuter</i>	6/28/22 6:5

Chain of Custody

Work Order No: E206211
Job # 22010-0001Page 12 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	1080	☐ Routine	☒ Rush	Due Date:	24HRS												None: NO	DI Water: H ₂ O	
Project Location	Eddy Co, NM	Due Date:		24HRS			Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Cool: Cool		MeOH: Me					
Sampler's Name:	CM					HCL: HC						HNO ₃ : HN							
PO #:						H ₂ SO ₄ : H ₂						NaOH: Na							
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	☒ Yes ☐ No	H ₃ PO ₄ : HP													
Received Intact:	☒ Yes ☐ No	Thermometer ID:				NaHSO ₄ : NABIS													
Cooler Custody Seals:	Yes No N/A	Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃													
Sample Custody Seals:	Yes No N/A	Temperature Reading:		4		Zn Acetate+NaOH: Zn													
Total Containers:		Corrected Temperature:				NaOH+Ascorbic Acid: SAPC													
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
11	CS-111 (3')	6/23/2022		X		C	1	X	X	X									
12	CS-112 (3')	6/23/2022		X		C	1	X	X	X									
13	CS-113 (3')	6/23/2022		X		C	1	X	X	X									
14	CS-114 (3')	6/23/2022		X		C	1	X	X	X									
15	CS-115 (3')	6/23/2022		X		C	1	X	X	X									
16	CS-116 (3')	6/23/2022		X		C	1	X	X	X									
17	CS-117 (3')	6/23/2022		X		C	1	X	X	X									
18	CS-118 (3')	6/23/2022		X		C	1	X	X	X									
19	CS-119 (3')	6/23/2022		X		C	1	X	X	X									
20	CS-120 (3')	6/23/2022		X		C	1	X	X	X									

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Mike Conner</i>	6.28.22	<i>Carla Chater</i>	6.28-22
<i>Prigo</i>	6.28.22		6/29/22 6:50

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:39:02PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:50	Work Order ID:	E206211
Phone:	(432) 813-6823	Date Logged In:	06/29/22 06:52	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

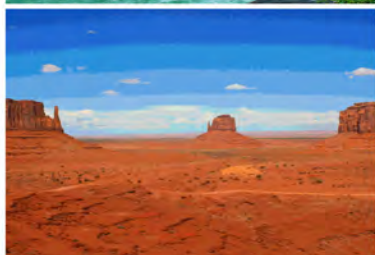
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206212

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/1/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206212
Date Received: 6/29/2022 6:55:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:55:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/01/22 16:33
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-121 (3')	E206212-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-122 (3')	E206212-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-123 (3')	E206212-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-124 (3')	E206212-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-125 (3')	E206212-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-126 (3')	E206212-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-127 (3')	E206212-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-128 (3')	E206212-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-129 (3')	E206212-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-130 (3')	E206212-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-131 (3')	E206212-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-132 (3')	E206212-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-133 (3')	E206212-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-134 (3')	E206212-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-135 (3')	E206212-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-136 (3')	E206212-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-137 (3')	E206212-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-138 (3')	E206212-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-139 (3')	E206212-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-140 (3')	E206212-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 4:33:18PM
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CS-121 (3')

E206212-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227071	
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227092	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>	108 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227087	
Chloride	75.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-122 (3')

E206212-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	26.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-123 (3')

E206212-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	80.5 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	81.9	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-124 (3')

E206212-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	26.2	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-125 (3')

E206212-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	24.9	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-126 (3')

E206212-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	25.3	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-127 (3')

E206212-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	88.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-128 (3')

E206212-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	82.9	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-129 (3')

E206212-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	101	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-130 (3')

E206212-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-131 (3')

E206212-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	20.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-132 (3')

E206212-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	88.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-133 (3')

E206212-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	88.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-134 (3')

E206212-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	24.2	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-135 (3')

E206212-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	21.4	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-136 (3')

E206212-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-137 (3')

E206212-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	69.5	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-138 (3')

E206212-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	26.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-139 (3')

E206212-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 4:33:18PM

CS-140 (3')

E206212-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227071
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227092
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227087
Chloride	ND	20.0	1	06/29/22	06/30/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 4:33:18PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227071-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.3	70-130			

LCS (2227071-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	5.47	0.0250	5.00		109	70-130			
Ethylbenzene	4.82	0.0250	5.00		96.5	70-130			
Toluene	5.15	0.0250	5.00		103	70-130			
o-Xylene	5.02	0.0250	5.00		100	70-130			
p,m-Xylene	9.91	0.0500	10.0		99.1	70-130			
Total Xylenes	14.9	0.0250	15.0		99.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.4	70-130			

LCS Dup (2227071-BSD1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	5.39	0.0250	5.00		108	70-130	1.42	20	
Ethylbenzene	4.76	0.0250	5.00		95.2	70-130	1.34	20	
Toluene	5.09	0.0250	5.00		102	70-130	1.22	20	
o-Xylene	4.96	0.0250	5.00		99.2	70-130	1.14	20	
p,m-Xylene	9.78	0.0500	10.0		97.8	70-130	1.33	20	
Total Xylenes	14.7	0.0250	15.0		98.3	70-130	1.26	20	
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 4:33:18PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227071-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			

LCS (2227071-BS2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

LCS Dup (2227071-BSD2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		98.1	70-130	3.44	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 4:33:18PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227092-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.3		50.0		113	50-200			

LCS (2227092-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	615	25.0	500		123	38-132			
Surrogate: n-Nonane	56.1		50.0		112	50-200			

Matrix Spike (2227092-MS1)

Source: E206212-08

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	558	25.0	500	ND	112	38-132			
Surrogate: n-Nonane	57.4		50.0		115	50-200			

Matrix Spike Dup (2227092-MSD1)

Source: E206212-08

Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	505	25.0	500	ND	101	38-132	9.91	20	
Surrogate: n-Nonane	49.7		50.0		99.5	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 4:33:18PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227087-BLK1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	ND	20.0							
LCS (2227087-BS1)					Prepared: 06/29/22 Analyzed: 07/01/22				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2227087-BSD1)					Prepared: 06/29/22 Analyzed: 07/01/22				
Chloride	253	20.0	250		101	90-110	0.0827	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/01/22 16:33

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

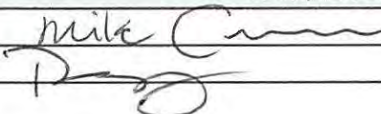
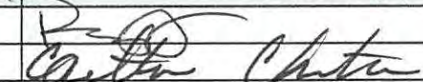
Work Order No: E206212
Job # 22010-0001Page 13 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hqaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields	RRC ☐ Superfund ☐
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST	TRR ☐ Lev IV ☐
Deliverables: EDD ☐ ADaPT ☐	Other:

Project Name:		PLU 423 South Frac Pond		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes			
Project Number:	1080	☐ Routine	☒ Rush	Due Date:	24HRS		HOLD																None: NO	DI Water: H ₂ O		
Project Location	Eddy Co, NM	Due Date:		24HRS	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0																	Cool: Cool	MeOH: Me
Sampler's Name:	CM																								HCL: HC	HNO ₃ : HN
PO #:																									H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:					☒ Yes ☐ No																	H ₃ PO ₄ : HP
Received Intact:	☒ Yes ☐ No	Thermometer ID:																		NaHSO ₄ : NABIS						
Cooler Custody Seals:	Yes No N/A	Correction Factor:																		Na ₂ S ₂ O ₃ : NaSO ₃						
Sample Custody Seals:	Yes No N/A	Temperature Reading:																		Zn Acetate+NaOH: Zn						
Total Containers:		Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments			
CS-121 (3')	6/23/2022		X		C	1	X	X	X																	
CS-122 (3')	6/23/2022		X		C	1	X	X	X																	
CS-123 (3')	6/23/2022		X		C	1	X	X	X																	
CS-124 (3')	6/23/2022		X		C	1	X	X	X																	
CS-125 (3')	6/23/2022		X		C	1	X	X	X																	
CS-126 (3')	6/23/2022		X		C	1	X	X	X																	
CS-127 (3')	6/23/2022		X		C	1	X	X	X																	
CS-128 (3')	6/23/2022		X		C	1	X	X	X																	
CS-129 (3')	6/23/2022		X		C	1	X	X	X																	
CS-130 (3')	6/23/2022		X		C	1	X	X	X																	

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6-28-22 6-28-22		6-28-22 6/28/22 6:55

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Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RRC ☐ Superfund
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	TRRP ☐ Level IV
Deliverables: EDD	☐ ADaPT	Other:	

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Envirotech Analytical Laboratory

Printed: 6/29/2022 12:42:32PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:55	Work Order ID:	E206212
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:03	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206213

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/1/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206213
Date Received: 6/29/2022 6:55:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:55:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Laboratory Administrator
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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
07/01/22 17:14

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-141 (3')	E206213-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-142 (3')	E206213-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-143 (3')	E206213-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-144 (3')	E206213-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-145 (3')	E206213-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-146 (3')	E206213-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-147 (3')	E206213-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-148 (3')	E206213-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-149 (5' - 5.5')	E206213-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-150 (5' - 5.5')	E206213-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-151 (5' - 5.5')	E206213-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-152 (5' - 5.5')	E206213-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-153 (5' - 5.5')	E206213-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-154 (5' - 5.5')	E206213-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-155 (5' - 5.5')	E206213-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-156 (5' - 5.5')	E206213-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-157 (5' - 5.5')	E206213-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-158 (5' - 5.5')	E206213-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-159 (5' - 5.5')	E206213-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-160 (5' - 5.5')	E206213-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:14:52PM
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CS-141 (3')

E206213-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	106 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	25.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-142 (3')

E206213-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	114 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	20.4	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-143 (3')

E206213-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	106 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	31.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-144 (3')

E206213-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	31.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-145 (3')

E206213-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	121 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	27.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-146 (3')

E206213-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	101 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	41.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-147 (3')

E206213-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-148 (3')

E206213-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-149 (5' - 5.5')

E206213-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.5 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	129 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	37.7	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-150 (5' - 5.5')

E206213-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	118 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	37.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-151 (5' - 5.5')

E206213-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-152 (5' - 5.5')

E206213-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	93.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	113 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	47.0	40.0	2	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-153 (5' - 5.5')

E206213-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	49.3	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-154 (5' - 5.5')

E206213-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	147	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-155 (5' - 5.5')

E206213-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	96.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	96.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	105 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	62.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-156 (5' - 5.5')

E206213-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	95.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	95.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	68.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-157 (5' - 5.5')

E206213-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	120 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	79.9	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-158 (5' - 5.5')

E206213-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	94.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	35.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-159 (5' - 5.5')

E206213-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	120 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	348	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 5:14:52PM

CS-160 (5' - 5.5')

E206213-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227072
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227093
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227088
Chloride	26.9	20.0	1	06/29/22	06/30/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:14:52PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227072-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.466		0.500		93.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.538		0.500		108	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.6	70-130			

LCS (2227072-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	2.30	0.0250	2.50		91.9	70-130			
Ethylbenzene	2.35	0.0250	2.50		94.0	70-130			
Toluene	2.30	0.0250	2.50		92.1	70-130			
o-Xylene	2.46	0.0250	2.50		98.2	70-130			
p,m-Xylene	4.77	0.0500	5.00		95.4	70-130			
Total Xylenes	7.22	0.0250	7.50		96.3	70-130			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			

LCS Dup (2227072-BSD1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	2.26	0.0250	2.50		90.5	70-130	1.60	23	
Ethylbenzene	2.33	0.0250	2.50		93.0	70-130	1.05	27	
Toluene	2.28	0.0250	2.50		91.2	70-130	0.939	24	
o-Xylene	2.42	0.0250	2.50		96.7	70-130	1.56	27	
p,m-Xylene	4.73	0.0500	5.00		94.6	70-130	0.853	27	
Total Xylenes	7.15	0.0250	7.50		95.3	70-130	1.09	27	
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:14:52PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227072-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.466		0.500		93.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.538		0.500		108	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.6	70-130			

LCS (2227072-BS2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.0	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

LCS Dup (2227072-BSD2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.9	70-130	4.65	20	
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 5:14:52PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227093-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	55.1		50.0		110	50-200			

LCS (2227093-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	639	25.0	500		128	38-132			
Surrogate: <i>n</i> -Nonane	61.0		50.0		122	50-200			

Matrix Spike (2227093-MS1)

Source: E206213-04

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	589	25.0	500	ND	118	38-132			
Surrogate: <i>n</i> -Nonane	48.8		50.0		97.6	50-200			

Matrix Spike Dup (2227093-MSD1)

Source: E206213-04

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	584	25.0	500	ND	117	38-132	0.828	20	
Surrogate: <i>n</i> -Nonane	51.7		50.0		103	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 5:14:52PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227088-BLK1)					Prepared: 06/29/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227088-BS1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2227088-BSD1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	251	20.0	250		101	90-110	0.490	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.

Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/01/22 17:14

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E206213
 Job # 22010-0001

Page 15 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RF ☐ Sup ☐ fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TR ☐ Lel IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-141 (3')		6/23/2022				X				C		1		X X X													
CS-142 (3')		6/23/2022				X				C		1		X X X													
CS-143 (3')		6/23/2022				X				C		1		X X X													
CS-144 (3')		6/23/2022				X				C		1		X X X													
CS-145 (3')		6/23/2022				X				C		1		X X X													
CS-146 (3')		6/23/2022				X				C		1		X X X													
CS-147 (3')		6/23/2022				X				C		1		X X X													
CS-148 (3')		6/23/2022				X				C		1		X X X													
CS-149 (5'-5.5')		6/23/2022				X				C		1		X X X													
CS-150 (5'-5.5')		6/23/2022				X				C		1		X X X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
Mike [Signature]		6-28-22		[Signature]		6-28-22	
[Signature]		6-28-22		[Signature]		6/29/22 6:5	

Chain of Custody

Work Order No: E200213
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields	RRD ☐ Supe ☐ Ind ☐
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST	TRR ☐ Le ☐ IV ☐
Deliverables: EDD ☐ ADaPT ☐	Other:

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-151 (5'-5.5')		6/23/2022				X				C		1		X X X													
CS-152 (5'-5.5')		6/23/2022				X				C		1		X X X													
CS-153 (5'-5.5')		6/23/2022				X				C		1		X X X													
CS-154 (5'-5.5')		6/23/2022				X				C		1		X X X													
CS-155 (5'-5.5')		6/23/2022				X				C		1		X X X													
CS-156 (5'-5.5')		6/23/2022				X				C		1		X X X													
CS-157 (5'-5.5')		6/23/2022				X				C		1		X X X													
CS-158 (5'-5.5')		6/23/2022				X				C		1		X X X													
CS-159 (5'-5.5')		6/23/2022				X				C		1		X X X													
CS-160 (5'-5.5')		6/23/2022				X				C		1		X X X													

--	--	--	--

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Mike</i>		6.28.22		<i>Carla</i>		6.28.22	
<i>PJ</i>		6.28.22		<i>Carla</i>		6/29/22 6:55	

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:45:27PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:55	Work Order ID:	E206213
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:03	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

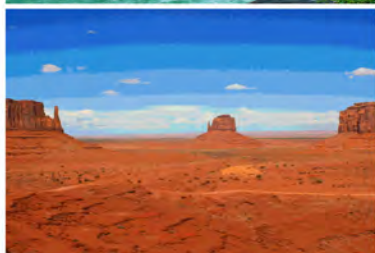
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206214

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/5/22

Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701



Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206214
Date Received: 6/29/2022 6:55:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:55:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/05/22 15:25
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-161 (5' - 5.5')	E206214-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-162 (5' - 5.5')	E206214-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-163 (5' - 5.5')	E206214-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-164 (5' - 5.5')	E206214-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-165 (5' - 5.5')	E206214-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-166 (5' - 5.5')	E206214-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-167 (5' - 5.5')	E206214-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-168 (5' - 5.5')	E206214-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-169 (5' - 5.5')	E206214-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-170 (5' - 5.5')	E206214-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-171 (5' - 5.5')	E206214-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-172 (10')	E206214-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-173 (10')	E206214-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-174 (10')	E206214-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-175 (10')	E206214-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-176 (10')	E206214-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-177 (10')	E206214-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-178 (10')	E206214-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-179 (2')	E206214-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-180 (2')	E206214-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 3:25:31PM
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CS-161 (5' - 5.5')

E206214-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227075	
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: 4-Bromochlorobenzene-PID	83.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	79.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227094	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227089	
Chloride	34.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-162 (5' - 5.5')

E206214-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.1 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.9 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	58.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-163 (5' - 5.5')

E206214-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.2 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	676	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-164 (5' - 5.5')

E206214-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: 4-Bromochlorobenzene-PID	85.6 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	78.3 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	118 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	22.4	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-165 (5' - 5.5')

E206214-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-166 (5' - 5.5')

E206214-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	266	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-167 (5' - 5.5')

E206214-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	56.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-168 (5' - 5.5')

E206214-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-169 (5' - 5.5')

E206214-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	287	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-170 (5' - 5.5')

E206214-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	59.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-171 (5' - 5.5')

E206214-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	95.3	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-172 (10')

E206214-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	55.9	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-173 (10')

E206214-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: 4-Bromochlorobenzene-PID	85.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	77.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	99.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-174 (10')

E206214-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	48.2	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-175 (10')

E206214-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	139	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-176 (10')

E206214-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-177 (10')

E206214-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	41.7	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-178 (10')

E206214-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	76.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	125	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-179 (2')

E206214-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	253	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 3:25:31PM

CS-180 (2')

E206214-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227089
Chloride	40.9	20.0	1	06/29/22	06/30/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 3:25:31PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227075-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.55		8.00		81.9	70-130			

LCS (2227075-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	5.92	0.0250	5.00		118	70-130			
Ethylbenzene	5.58	0.0250	5.00		112	70-130			
Toluene	6.11	0.0250	5.00		122	70-130			
o-Xylene	5.47	0.0250	5.00		109	70-130			
p,m-Xylene	11.2	0.0500	10.0		112	70-130			
Total Xylenes	16.7	0.0250	15.0		111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.57		8.00		82.1	70-130			

LCS Dup (2227075-BSD1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	6.09	0.0250	5.00		122	70-130	2.84	20	
Ethylbenzene	5.78	0.0250	5.00		116	70-130	3.41	20	
Toluene	6.28	0.0250	5.00		126	70-130	2.81	20	
o-Xylene	5.65	0.0250	5.00		113	70-130	3.25	20	
p,m-Xylene	11.6	0.0500	10.0		116	70-130	3.43	20	
Total Xylenes	17.3	0.0250	15.0		115	70-130	3.37	20	
Surrogate: 4-Bromochlorobenzene-PID	6.61		8.00		82.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 3:25:31PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227075-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.23		8.00		77.9	70-130			

LCS (2227075-BS2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	40.3	20.0	50.0		80.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.24		8.00		78.0	70-130			

LCS Dup (2227075-BSD2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	39.1	20.0	50.0		78.2	70-130	2.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.30		8.00		78.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 3:25:31PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227094-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	58.2		50.0		116	50-200			

LCS (2227094-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	526	25.0	500		105	38-132			
Surrogate: <i>n</i> -Nonane	58.2		50.0		116	50-200			

Matrix Spike (2227094-MS1)

Source: E206214-07

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	498	25.0	500	ND	99.7	38-132			
Surrogate: <i>n</i> -Nonane	60.9		50.0		122	50-200			

Matrix Spike Dup (2227094-MSD1)

Source: E206214-07

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	507	25.0	500	ND	101	38-132	1.66	20	
Surrogate: <i>n</i> -Nonane	59.2		50.0		118	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 3:25:31PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227089-BLK1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	ND	20.0							
LCS (2227089-BS1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	255	20.0	250		102	90-110			
LCS Dup (2227089-BSD1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	258	20.0	250		103	90-110	1.37	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/05/22 15:25

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

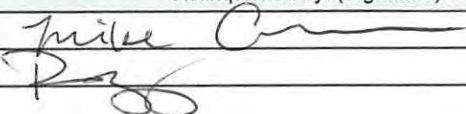
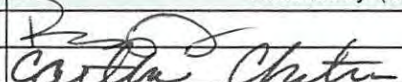
Work Order No: E206214
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ Fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRF ☐ L ☐ BI IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST										Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code												None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS												Cool: Cool MeOH: Me			
Sampler's Name:		CM																HCL: HC HNO ₃ : HN			
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No												H ₃ PO ₄ : HP	
Received Intact:		☒ Yes ☐ No		Thermometer ID:														NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4												Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:														NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
CS-161 (5'-5.5')		6/23/2022		X		C	1	X	X	X											
CS-162 (5'-5.5')		6/23/2022		X		C	1	X	X	X											
CS-163 (5'-5.5')		6/23/2022		X		C	1	X	X	X											
CS-164 (5'-5.5')		6/23/2022		X		C	1	X	X	X											
CS-165 (5'-5.5')		6/23/2022		X		C	1	X	X	X											
CS-166 (5'-5.5')		6/23/2022		X		C	1	X	X	X											
CS-167 (5'-5.5')		6/23/2022		X		C	1	X	X	X											
CS-168 (5'-5.5')		6/23/2022		X		C	1	X	X	X											
CS-169 (5'-5.5')		6/23/2022		X		C	1	X	X	X											
CS-170 (5'-5.5')		6/23/2022		X		C	1	X	X	X											

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		6-28-22			6-28-22
		6-28-22			6/29/22 6:55

Chain of Custody

Work Order No: E206214
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☒	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes												
Project Number:	1080	☐ Routine ☒ Rush		Pres. Code														None: NO	DI Water: H ₂ O													
Project Location	Eddy Co, NM	Due Date:	24HRS	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0											Cool: Cool	MeOH: Me													
Sampler's Name:	CM																	HCL: HC	HNO ₃ : HN													
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na													
SAMPLE RECEIPT		Temp Blank:	Yes No															Wet Ice:	☒ Yes ☐ No												H ₃ PO ₄ : HP	
Received Intact:	☒ Yes ☐ No	Thermometer ID:																													NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃															
Sample Custody Seals:	Yes No N/A	Temperature Reading:	4														Zn Acetate+NaOH: Zn															
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC															
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments													
CS-171 (5'-5.5')	6/23/2022		X		C	1	X	X	X																							
CS-172 (10')	6/23/2022		X		C	1	X	X	X																							
CS-173 (10')	6/23/2022		X		C	1	X	X	X																							
CS-174 (10')	6/23/2022		X		C	1	X	X	X																							
CS-175 (10')	6/23/2022		X		C	1	X	X	X																							
CS-176 (10')	6/23/2022		X		C	1	X	X	X																							
CS-177 (10')	6/23/2022		X		C	1	X	X	X																							
CS-178 (10')	6/23/2022		X		C	1	X	X	X																							
CS-179 (2')	6/23/2022		X		C	1	X	X	X																							
CS-180 (2')	6/23/2022		X		C	1	X	X	X																							

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Mike C...</i>		6-28-22		<i>Carla Chute</i>		6-28-22	
<i>P...</i>		6-28-22				6/29/22 10:55	

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:49:03PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 06:55	Work Order ID:	E206214
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:03	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

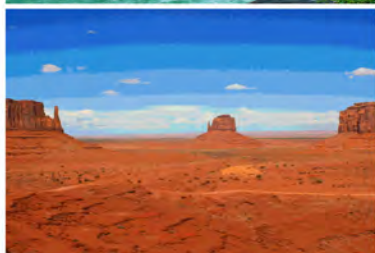
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206215

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/1/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/1/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206215
Date Received: 6/29/2022 7:00:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:00:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/01/22 14:59
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-181 (4' - 4.5')	E206215-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-182 (4' - 4.5')	E206215-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-183 (4' - 4.5')	E206215-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-184 (4' - 4.5')	E206215-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-185 (4' - 4.5')	E206215-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-186 (4' - 4.5')	E206215-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-187 (4' - 4.5')	E206215-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-188 (4' - 4.5')	E206215-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-189 (4' - 4.5')	E206215-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-190 (4' - 4.5')	E206215-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-191 (4' - 4.5')	E206215-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-192 (4' - 4.5')	E206215-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-193 (4' - 4.5')	E206215-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-194 (4' - 4.5')	E206215-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-195 (4' - 4.5')	E206215-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-196 (4' - 4.5')	E206215-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-197 (4' - 4.5')	E206215-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-198 (4' - 4.5')	E206215-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-199 (4' - 4.5')	E206215-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-200 (4' - 4.5')	E206215-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 2:59:35PM
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CS-181 (4' - 4.5')

E206215-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	128 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	26.5	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-182 (4' - 4.5')

E206215-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	124 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	61.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-183 (4' - 4.5')

E206215-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	124 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	197	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-184 (4' - 4.5')

E206215-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	130 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	90.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-185 (4' - 4.5')

E206215-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	127 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	82.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-186 (4' - 4.5')

E206215-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	131 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	32.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-187 (4' - 4.5')

E206215-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	131 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	27.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-188 (4' - 4.5')

E206215-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	104 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	104 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	130 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	87.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-189 (4' - 4.5')

E206215-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	132 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	186	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-190 (4' - 4.5')

E206215-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.3 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	147 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	423	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-191 (4' - 4.5')

E206215-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	131 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	505	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-192 (4' - 4.5')

E206215-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	134 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	139	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-193 (4' - 4.5')

E206215-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	136 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	113	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-194 (4' - 4.5')

E206215-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	104 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	104 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	107	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-195 (4' - 4.5')

E206215-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	110 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	123	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-196 (4' - 4.5')

E206215-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	110 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	231	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-197 (4' - 4.5')

E206215-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	208	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-198 (4' - 4.5')

E206215-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	120	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-199 (4' - 4.5')

E206215-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	06/30/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	195	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/1/2022 2:59:35PM

CS-200 (4' - 4.5')

E206215-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Benzene	ND	0.0250	1	06/29/22	06/30/22	
Ethylbenzene	ND	0.0250	1	06/29/22	06/30/22	
Toluene	ND	0.0250	1	06/29/22	06/30/22	
o-Xylene	ND	0.0250	1	06/29/22	06/30/22	
p,m-Xylene	ND	0.0500	1	06/29/22	06/30/22	
Total Xylenes	ND	0.0250	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene		100 %	70-130	06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	06/29/22	06/30/22	
Surrogate: Toluene-d8		103 %	70-130	06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227076
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	06/30/22	
Surrogate: Bromofluorobenzene		100 %	70-130	06/29/22	06/30/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	06/29/22	06/30/22	
Surrogate: Toluene-d8		103 %	70-130	06/29/22	06/30/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227095
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane		111 %	50-200	06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227090
Chloride	133	20.0	1	06/29/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 2:59:35PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227076-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS (2227076-BS1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	2.42	0.0250	2.50		96.8	70-130			
Ethylbenzene	2.45	0.0250	2.50		98.1	70-130			
Toluene	2.37	0.0250	2.50		94.6	70-130			
o-Xylene	2.31	0.0250	2.50		92.3	70-130			
p,m-Xylene	4.60	0.0500	5.00		91.9	70-130			
Total Xylenes	6.90	0.0250	7.50		92.0	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

LCS Dup (2227076-BSD1)

Prepared: 06/29/22 Analyzed: 06/30/22

Benzene	2.49	0.0250	2.50		99.6	70-130	2.85	23	
Ethylbenzene	2.50	0.0250	2.50		100	70-130	2.00	27	
Toluene	2.41	0.0250	2.50		96.6	70-130	2.05	24	
o-Xylene	2.35	0.0250	2.50		94.2	70-130	2.04	27	
p,m-Xylene	4.68	0.0500	5.00		93.7	70-130	1.91	27	
Total Xylenes	7.04	0.0250	7.50		93.9	70-130	1.95	27	
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/1/2022 2:59:35PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227076-BLK1)

Prepared: 06/29/22 Analyzed: 06/30/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS (2227076-BS2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	59.7	20.0	50.0		119	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

LCS Dup (2227076-BSD2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	58.8	20.0	50.0		118	70-130	1.58	20	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 2:59:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227095-BLK1) Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.8		50.0		110	50-200			

LCS (2227095-BS1) Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	462	25.0	500		92.5	38-132			
Surrogate: n-Nonane	53.6		50.0		107	50-200			

Matrix Spike (2227095-MS1) Source: E206215-13 Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	465	25.0	500	ND	93.1	38-132			
Surrogate: n-Nonane	52.7		50.0		105	50-200			

Matrix Spike Dup (2227095-MSD1) Source: E206215-13 Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	464	25.0	500	ND	92.8	38-132	0.323	20	
Surrogate: n-Nonane	54.5		50.0		109	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/1/2022 2:59:35PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227090-BLK1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	ND	20.0							
LCS (2227090-BS1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	251	20.0	250		100	90-110			
LCS Dup (2227090-BSD1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	252	20.0	250		101	90-110	0.313	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/01/22 14:59

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page 19 of 46

Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RR ☐ Sup ☐ fund ☐
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	TR ☐ L ☐ el IV ☐
Deliverables: EDD	☐ ADaPT	☐	Other:

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10

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Mike C...</i>	6-28-22	<i>[Signature]</i>	6-28-22
<i>[Signature]</i>	6-28-22	<i>Carla Ch...</i>	6/29/22 7:11

Chain of Custody

Work Order No: E206215
Job # 22010-0001Page 20 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hqaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST										Preservative Codes	
Project Number:	1080	☐ Routine ☒ Rush		Pres. Code														None: NO	DI Water: H ₂ O
Project Location	Eddy Co, NM	Due Date:	24HRS	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0											Cool: Cool	MeOH: Me
Sampler's Name:	CM																	HCL: HC	HNO ₃ : HN
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No															Wet Ice:	☒ Yes ☐ No
Received Intact:	☒ Yes ☐ No	Thermometer ID:																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:		4														Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
11	CS-191 (4'-4.5')	6/23/2022		X		C	1	X	X	X									
12	CS-192 (4'-4.5')	6/23/2022		X		C	1	X	X	X									
13	CS-193 (4'-4.5')	6/23/2022		X		C	1	X	X	X									
14	CS-194 (4'-4.5')	6/23/2022		X		C	1	X	X	X									
15	CS-195 (4'-4.5')	6/23/2022		X		C	1	X	X	X									
16	CS-196 (4'-4.5')	6/23/2022		X		C	1	X	X	X									
17	CS-197 (4'-4.5')	6/23/2022		X		C	1	X	X	X									
18	CS-198 (4'-4.5')	6/23/2022		X		C	1	X	X	X									
19	CS-199 (4'-4.5')	6/23/2022		X		C	1	X	X	X									
20	CS-200 (4'-4.5')	6/23/2022		X		C	1	X	X	X									

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Mike [Signature]</i>	6.28.22	<i>[Signature]</i>	6.28.22
<i>[Signature]</i>	6.28.22	<i>Carla Chute</i>	6/29/22 7:00

Envirotech Analytical Laboratory

Printed: 6/29/2022 12:59:58PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:00	Work Order ID:	E206215
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:04	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

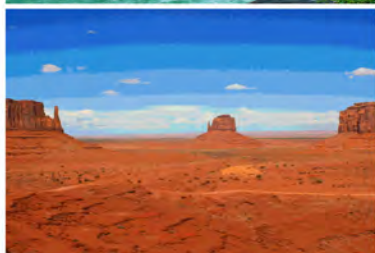
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206216

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

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Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/5/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206216
Date Received: 6/29/2022 7:00:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:00:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
07/05/22 13:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-201 (4' - 4.5')	E206216-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-202 (4' - 4.5')	E206216-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-203 (4' - 4.5')	E206216-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-204 (4' - 4.5')	E206216-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-205 (4' - 4.5')	E206216-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-206 (4' - 4.5')	E206216-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-207 (4' - 4.5')	E206216-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-208 (4' - 4.5')	E206216-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-209 (4' - 4.5')	E206216-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-210 (4' - 4.5')	E206216-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-211 (4' - 4.5')	E206216-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-212 (4' - 4.5')	E206216-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-213 (4' - 4.5')	E206216-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-214 (4' - 4.5')	E206216-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-215 (4' - 4.5')	E206216-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-216 (4' - 4.5')	E206216-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-217 (4' - 4.5')	E206216-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-218 (4' - 4.5')	E206216-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-219 (4' - 4.5')	E206216-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-220 (4' - 4.5')	E206216-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 1:54:59PM
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CS-201 (4' - 4.5')

E206216-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: 4-Bromochlorobenzene-PID	92.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2227096	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	06/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	06/30/22	
Surrogate: n-Nonane	107 %	50-200		06/29/22	06/30/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2227098	
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-202 (4' - 4.5')

E206216-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-203 (4' - 4.5')

E206216-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	127	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-204 (4' - 4.5')

E206216-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	87.2	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-205 (4' - 4.5')

E206216-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2227096	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2227098	
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-206 (4' - 4.5')

E206216-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2227096	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2227098	
Chloride	30.0	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-207 (4' - 4.5')

E206216-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	44.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-208 (4' - 4.5')

E206216-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	20.6	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-209 (4' - 4.5')

E206216-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2227096	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2227098	
Chloride	85.7	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-210 (4' - 4.5')

E206216-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	99.3	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-211 (4' - 4.5')

E206216-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	152 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	20.8	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-212 (4' - 4.5')

E206216-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	26.6	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-213 (4' - 4.5')

E206216-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	20.8	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-214 (4' - 4.5')

E206216-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	49.5	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-215 (4' - 4.5')

E206216-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	ND	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-216 (4' - 4.5')

E206216-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	21.9	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-217 (4' - 4.5')

E206216-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.3 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	226	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-218 (4' - 4.5')

E206216-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	ND	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-219 (4' - 4.5')

E206216-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.9 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	485	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 1:54:59PM

CS-220 (4' - 4.5')

E206216-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	77.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2227096
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2227098
Chloride	ND	20.0	1	06/29/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 1:54:59PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227077-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

LCS (2227077-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	5.15	0.0250	5.00		103	70-130			
Ethylbenzene	4.55	0.0250	5.00		91.1	70-130			
Toluene	4.86	0.0250	5.00		97.1	70-130			
o-Xylene	4.72	0.0250	5.00		94.4	70-130			
p,m-Xylene	9.38	0.0500	10.0		93.8	70-130			
Total Xylenes	14.1	0.0250	15.0		94.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			

LCS Dup (2227077-BSD1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	5.33	0.0250	5.00		107	70-130	3.44	20	
Ethylbenzene	4.72	0.0250	5.00		94.4	70-130	3.63	20	
Toluene	5.04	0.0250	5.00		101	70-130	3.62	20	
o-Xylene	4.90	0.0250	5.00		98.0	70-130	3.76	20	
p,m-Xylene	9.72	0.0500	10.0		97.2	70-130	3.59	20	
Total Xylenes	14.6	0.0250	15.0		97.5	70-130	3.65	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 1:54:59PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227077-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			

LCS (2227077-BS2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			

LCS Dup (2227077-BSD2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0		96.7	70-130	4.95	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 1:54:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227096-BLK1) Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.2		50.0		112	50-200			

LCS (2227096-BS1) Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	501	25.0	500		100	38-132			
Surrogate: n-Nonane	53.8		50.0		108	50-200			

Matrix Spike (2227096-MS1) Source: E206216-05 Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	494	25.0	500	ND	98.7	38-132			
Surrogate: n-Nonane	54.5		50.0		109	50-200			

Matrix Spike Dup (2227096-MSD1) Source: E206216-05 Prepared: 06/29/22 Analyzed: 06/30/22

Diesel Range Organics (C10-C28)	502	25.0	500	ND	100	38-132	1.63	20	
Surrogate: n-Nonane	45.0		50.0		90.0	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 1:54:59PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227098-BLK1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	ND	20.0							
LCS (2227098-BS1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	242	20.0	250		96.9	90-110			
LCS Dup (2227098-BSD1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	247	20.0	250		99.0	90-110	2.09	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/05/22 13:54

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E20621/L0
 Job # 22010-0001

Page 21 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TR ☐ L ☐ el IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST														Preservative Codes						
Project Number:	1080			☐ Routine ☒ Rush		Pres. Code															None: NO DI Water: H ₂ O					
Project Location	Eddy Co, NM			Due Date:	24HRS	Parameters															Cool: Cool MeOH: Me					
Sampler's Name:	CM																				HCL: HC HNO ₃ : HN					
PO #:																					H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	☒ Yes ☐ No																H ₃ PO ₄ : HP					
Received Intact:	☒ Yes ☐ No	Thermometer ID:																			NaHSO ₄ : NABIS					
Cooler Custody Seals:	Yes No N/A	Correction Factor:																		Na ₂ S ₂ O ₃ : NaSO ₃						
Sample Custody Seals:	Yes No N/A	Temperature Reading:		4																Zn Acetate+NaOH: Zn						
Total Containers:				Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont															Sample Comments				
CS-201 (4'-4.5')		6/23/2022		X		C	1	X	X	X																
CS-202 (4'-4.5')		6/23/2022		X		C	1	X	X	X																
CS-203 (4'-4.5')		6/23/2022		X		C	1	X	X	X																
CS-204 (4'-4.5')		6/23/2022		X		C	1	X	X	X																
CS-205 (4'-4.5')		6/23/2022		X		C	1	X	X	X																
CS-206 (4'-4.5')		6/23/2022		X		C	1	X	X	X																
CS-207 (4'-4.5')		6/23/2022		X		C	1	X	X	X																
CS-208 (4'-4.5')		6/23/2022		X		C	1	X	X	X																
CS-209 (4'-4.5')		6/23/2022		X		C	1	X	X	X																
CS-210 (4'-4.5')		6/23/2022		X		C	1	X	X	X																

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6.28.22				6.28.22	
		6.28.22				6/29/22 7:00	

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Work Order Comments				
Program: UST/PST	☐ PRP	☐ Brownfields	☐ C	St ☐ erfund ☐
State of Project:				
Reporting: Level II	☐	Level III	☐	PST/UST
			T ☐ RP	☐ Level IV ☐
Deliverables: EDD	☐	ADaPT	☐	Other:

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Envirotech Analytical Laboratory

Printed: 6/29/2022 1:03:06PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:00	Work Order ID:	E206216
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:04	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

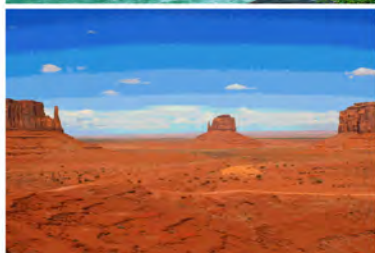
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206217

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/5/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206217
Date Received: 6/29/2022 7:05:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:05:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Rayny Hagan
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Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/05/22 17:13
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-221 (4' - 4.5')	E206217-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-222 (4' - 4.5')	E206217-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-223 (4' - 4.5')	E206217-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-224 (4' - 4.5')	E206217-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-225 (4' - 4.5')	E206217-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-226 (4' - 4.5')	E206217-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-227 (4' - 4.5')	E206217-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-228 (4' - 4.5')	E206217-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-229 (4' - 4.5')	E206217-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-230 (4' - 4.5')	E206217-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-231 (4' - 4.5')	E206217-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-232 (4' - 4.5')	E206217-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-233 (4' - 4.5')	E206217-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-234 (4' - 4.5')	E206217-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-235 (4' - 4.5')	E206217-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-236 (4' - 4.5')	E206217-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-237 (4' - 4.5')	E206217-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-238 (4' - 4.5')	E206217-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-239 (4' - 4.5')	E206217-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-240 (4' - 4.5')	E206217-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:13:47PM
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CS-221 (4' - 4.5')

E206217-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	465	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-222 (4' - 4.5')

E206217-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	22.5	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-223 (4' - 4.5')

E206217-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	109 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	798	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-224 (4' - 4.5')

E206217-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	93.9 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	93.9 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	ND	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-225 (4' - 4.5')

E206217-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	119 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	39.1	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-226 (4' - 4.5')

E206217-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	404	20.0	1	06/29/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-227 (4' - 4.5')

E206217-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227078	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227078	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227097	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227099	
Chloride	37.8	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-228 (4' - 4.5')

E206217-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	26.0	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-229 (4' - 4.5')

E206217-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	27.7	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-230 (4' - 4.5')

E206217-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	112 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	284	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-231 (4' - 4.5')

E206217-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	116 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	66.5	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-232 (4' - 4.5')

E206217-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	108 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	25.9	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-233 (4' - 4.5')

E206217-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/01/22	
Surrogate: n-Nonane	110 %	50-200		06/29/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	98.6	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-234 (4' - 4.5')

E206217-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	118 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	22.2	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-235 (4' - 4.5')

E206217-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	110 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	ND	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-236 (4' - 4.5')

E206217-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	111 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	28.6	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-237 (4' - 4.5')

E206217-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	07/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		06/29/22	07/01/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	123 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	296	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-238 (4' - 4.5')

E206217-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	131 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	66.8	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-239 (4' - 4.5')

E206217-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	102 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	ND	20.0	1	06/29/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:13:47PM

CS-240 (4' - 4.5')

E206217-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227097
Diesel Range Organics (C10-C28)	ND	25.0	1	06/29/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/29/22	07/02/22	
Surrogate: n-Nonane	124 %	50-200		06/29/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227099
Chloride	21.5	20.0	1	06/29/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:13:47PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227078-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2227078-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	2.60	0.0250	2.50		104	70-130			
Ethylbenzene	2.60	0.0250	2.50		104	70-130			
Toluene	2.52	0.0250	2.50		101	70-130			
o-Xylene	2.44	0.0250	2.50		97.4	70-130			
p,m-Xylene	4.89	0.0500	5.00		97.8	70-130			
Total Xylenes	7.33	0.0250	7.50		97.7	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS Dup (2227078-BSD1)

Prepared: 06/29/22 Analyzed: 07/01/22

Benzene	2.66	0.0250	2.50		106	70-130	2.22	23	
Ethylbenzene	2.64	0.0250	2.50		106	70-130	1.56	27	
Toluene	2.58	0.0250	2.50		103	70-130	2.04	24	
o-Xylene	2.48	0.0250	2.50		99.2	70-130	1.77	27	
p,m-Xylene	4.99	0.0500	5.00		99.8	70-130	2.03	27	
Total Xylenes	7.47	0.0250	7.50		99.6	70-130	1.95	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:13:47PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227078-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2227078-BS2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	58.0	20.0	50.0		116	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS Dup (2227078-BSD2)

Prepared: 06/29/22 Analyzed: 07/01/22

Gasoline Range Organics (C6-C10)	63.4	20.0	50.0		127	70-130	8.81	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:13:47PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227097-BLK1)

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.5		50.0		113	50-200			

LCS (2227097-BS1)

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	493	25.0	500		98.7	38-132			
Surrogate: n-Nonane	50.5		50.0		101	50-200			

Matrix Spike (2227097-MS1)

Source: E206217-03

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	524	25.0	500	ND	105	38-132			
Surrogate: n-Nonane	54.8		50.0		110	50-200			

Matrix Spike Dup (2227097-MSD1)

Source: E206217-03

Prepared: 06/29/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	509	25.0	500	ND	102	38-132	2.99	20	
Surrogate: n-Nonane	50.4		50.0		101	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 5:13:47PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227099-BLK1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	ND	20.0							
LCS (2227099-BS1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	248	20.0	250		99.4	90-110			
LCS Dup (2227099-BSD1)					Prepared: 06/29/22 Analyzed: 06/30/22				
Chloride	251	20.0	250		100	90-110	0.934	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/05/22 17:13

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E206217
Job # 22010-0001Page 23 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields	RRQ ☐ Superfund ☐
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST	TRR ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐	Other:

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST										Preservative Codes									
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code												None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me					
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN					
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP			
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn					
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-221 (4'-4.5')		6/23/2022				X				C		1		X X X											
CS-222 (4'-4.5')		6/23/2022				X				C		1		X X X											
CS-223 (4'-4.5')		6/23/2022				X				C		1		X X X											
CS-224 (4'-4.5')		6/23/2022				X				C		1		X X X											
CS-225 (4'-4.5')		6/23/2022				X				C		1		X X X											
CS-226 (4'-4.5')		6/23/2022				X				C		1		X X X											
CS-227 (4'-4.5')		6/23/2022				X				C		1		X X X											
CS-228 (4'-4.5')		6/23/2022				X				C		1		X X X											
CS-229 (4'-4.5')		6/23/2022				X				C		1		X X X											
CS-230 (4'-4.5')		6/23/2022				X				C		1		X X X											

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	
				6.28.22						6.28.22	
				6.28.22						6/29/22 7:00	

Chain of Custody

Work Order No: E206217
Job # 22010-0001Page 24 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hqaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields	RRQ ☐ Supe ☐ Ind ☐
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST	TRR ☐ Le ☐ IV ☐
Deliverables: EDD ☐ ADaPT ☐	Other:

Project Name:		PLU 423 South Frac Pond		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes	
Project Number:		1080		☐ Routine ☒ Rush			Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	None: NO		DI Water: H ₂ O										
Project Location		Eddy Co, NM		Due Date: 24HRS								Cool: Cool		MeOH: Me										
Sampler's Name:		CM										HCL: HC		HNO ₃ : HN										
PO #:												H ₂ SO ₄ : H ₂		NaOH: Na										
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No				H ₃ PO ₄ : HP												
Received Intact:		Yes No		Thermometer ID:								NaHSO ₄ : NABIS												
Cooler Custody Seals:		Yes No N/A		Correction Factor:								Na ₂ S ₂ O ₃ : NaSO ₃												
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4						Zn Acetate+NaOH: Zn												
Total Containers:				Corrected Temperature:								NaOH+Ascorbic Acid: SAPC												
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont				Sample Comments								
CS-231 (4'-4.5')		6/23/2022				X				C		1		X X X										
CS-232 (4'-4.5')		6/23/2022				X				C		1		X X X										
CS-233 (4'-4.5')		6/23/2022				X				C		1		X X X										
CS-234 (4'-4.5')		6/23/2022				X				C		1		X X X										
CS-235 (4'-4.5')		6/23/2022				X				C		1		X X X										
CS-236 (4'-4.5')		6/23/2022				X				C		1		X X X										
CS-237 (4'-4.5')		6/23/2022				X				C		1		X X X										
CS-238 (4'-4.5')		6/23/2022				X				C		1		X X X										
CS-239 (4'-4.5')		6/23/2022				X				C		1		X X X										
CS-240 (4'-4.5')		6/23/2022				X				C		1		X X X										

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	
				6-28-22						6-28-22	
				6-28-22						6/29/22 7:05	

Envirotech Analytical Laboratory

Printed: 6/29/2022 1:07:33PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:05	Work Order ID:	E206217
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:04	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier:

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

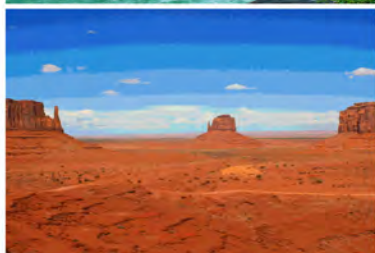
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206218

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/5/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206218
Date Received: 6/29/2022 7:05:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:05:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
07/05/22 17:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-241 (4' - 4.5')	E206218-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-242 (4' - 4.5')	E206218-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-243 (4' - 4.5')	E206218-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-244 (4' - 4.5')	E206218-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-245 (4' - 4.5')	E206218-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-246 (4' - 4.5')	E206218-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-286 (5.5')	E206218-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-287 (5.5')	E206218-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-288 (5.5')	E206218-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-289 (5.5')	E206218-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-290 (5.5')	E206218-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-291 (5.5')	E206218-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-292 (5.5')	E206218-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-293 (5.5')	E206218-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-294 (5.5')	E206218-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-295 (5.5')	E206218-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-296 (5.5')	E206218-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-297 (5.5')	E206218-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-298 (5.5')	E206218-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-299 (5.5')	E206218-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:04:29PM
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CS-241 (4' - 4.5')

E206218-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227079	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	83.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227079	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	79.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227105	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>	90.3 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227108	
Chloride	52.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-242 (4' - 4.5')

E206218-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.1 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	93.9 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	131	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-243 (4' - 4.5')

E206218-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	94.8 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	273	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-244 (4' - 4.5')

E206218-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.0 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	89.3 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	66.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-245 (4' - 4.5')

E206218-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.8 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	94.0 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	298	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-246 (4' - 4.5')

E206218-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227079	
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227079	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227105	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	94.1 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227108	
Chloride	127	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-286 (5.5')

E206218-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.4 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.2 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	98.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	36.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-287 (5.5')

E206218-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/01/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/01/22	
Toluene	ND	0.0250	1	06/29/22	07/01/22	
o-Xylene	ND	0.0250	1	06/29/22	07/01/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/01/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/01/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.5 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/01/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	78.7 %	70-130		06/29/22	07/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	99.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	32.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-288 (5.5')

E206218-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.2 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	95.1 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	36.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-289 (5.5')

E206218-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	81.2 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	35.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-290 (5.5')

E206218-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	76.8 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	31.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-291 (5.5')

E206218-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.1 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	98.8 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	29.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-292 (5.5')

E206218-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
<i>Surrogate: n-Nonane</i>						
	95.1 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	96.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-293 (5.5')

E206218-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	95.1 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	44.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-294 (5.5')

E206218-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	91.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	29.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-295 (5.5')

E206218-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	93.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	98.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-296 (5.5')

E206218-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	83.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	29.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-297 (5.5')

E206218-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	88.5 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	32.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-298 (5.5')

E206218-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	94.0 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	30.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:04:29PM

CS-299 (5.5')

E206218-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227105
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	94.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227108
Chloride	34.6	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:04:29PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227079-BLK1)

Prepared: 06/29/22 Analyzed: 07/02/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.88		8.00		86.1	70-130			

LCS (2227079-BS1)

Prepared: 06/29/22 Analyzed: 07/02/22

Benzene	5.78	0.0250	5.00		116	70-130			
Ethylbenzene	5.51	0.0250	5.00		110	70-130			
Toluene	5.98	0.0250	5.00		120	70-130			
o-Xylene	5.39	0.0250	5.00		108	70-130			
p,m-Xylene	11.1	0.0500	10.0		111	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.87		8.00		85.9	70-130			

LCS Dup (2227079-BSD1)

Prepared: 06/29/22 Analyzed: 07/02/22

Benzene	5.87	0.0250	5.00		117	70-130	1.65	20	
Ethylbenzene	5.63	0.0250	5.00		113	70-130	2.03	20	
Toluene	6.05	0.0250	5.00		121	70-130	1.23	20	
o-Xylene	5.52	0.0250	5.00		110	70-130	2.29	20	
p,m-Xylene	11.4	0.0500	10.0		114	70-130	2.10	20	
Total Xylenes	16.9	0.0250	15.0		112	70-130	2.16	20	
Surrogate: 4-Bromochlorobenzene-PID	6.87		8.00		85.9	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:04:29PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227079-BLK1)

Prepared: 06/29/22 Analyzed: 07/02/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.41		8.00		80.2	70-130			

LCS (2227079-BS2)

Prepared: 06/29/22 Analyzed: 07/02/22

Gasoline Range Organics (C6-C10)	38.2	20.0	50.0		76.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.42		8.00		80.3	70-130			

LCS Dup (2227079-BSD2)

Prepared: 06/29/22 Analyzed: 07/02/22

Gasoline Range Organics (C6-C10)	38.2	20.0	50.0		76.4	70-130	0.0797	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.46		8.00		80.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:04:29PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227105-BLK1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.0		50.0		98.1	50-200			

LCS (2227105-BS1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	473	25.0	500		94.7	38-132			
Surrogate: n-Nonane	44.1		50.0		88.1	50-200			

Matrix Spike (2227105-MS1)

Source: E206218-13

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	485	25.0	500	ND	96.9	38-132			
Surrogate: n-Nonane	48.7		50.0		97.3	50-200			

Matrix Spike Dup (2227105-MSD1)

Source: E206218-13

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	496	25.0	500	ND	99.3	38-132	2.37	20	
Surrogate: n-Nonane	47.4		50.0		94.8	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 5:04:29PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227108-BLK1)

Prepared: 06/30/22 Analyzed: 07/01/22

Chloride ND 20.0

LCS (2227108-BS1)

Prepared: 06/30/22 Analyzed: 07/01/22

Chloride 249 20.0 250 99.7 90-110

LCS Dup (2227108-BSD1)

Prepared: 06/30/22 Analyzed: 07/01/22

Chloride 250 20.0 250 100 90-110 0.280 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/05/22 17:04

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E206218
Job # 22010-0001Page 25 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		Pres. Code		ANALYSIS REQUEST																Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code																		None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS																		Cool: Cool MeOH: Me							
Sampler's Name:		CM																						HCL: HC HNO ₃ : HN							
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No																		H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																				NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4																		Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
CS-241 (4'-4.5')		6/23/2022				X				C		1		X X X																	
CS-242 (4'-4.5')		6/23/2022				X				C		1		X X X																	
CS-243 (4'-4.5')		6/23/2022				X				C		1		X X X																	
CS-244 (4'-4.5')		6/23/2022				X				C		1		X X X																	
CS-245 (4'-4.5')		6/23/2022				X				C		1		X X X																	
CS-246 (4'-4.5')		6/23/2022				X				C		1		X X X																	
CS-286 (5.5')		6/23/2022				X				C		1		X X X																	
CS-287 (5.5')		6/23/2022				X				C		1		X X X																	
CS-288 (5.5')		6/23/2022				X				C		1		X X X																	
CS-289 (5.5')		6/23/2022				X				C		1		X X X																	

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22		Chito		6/29/22 7:05	

Work Order Comments			
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐		
State of Project:			
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐		
Deliverables:	EDD ☐ ADaPT ☐ Other:		

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:01:11PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:05	Work Order ID:	E206218
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:05	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

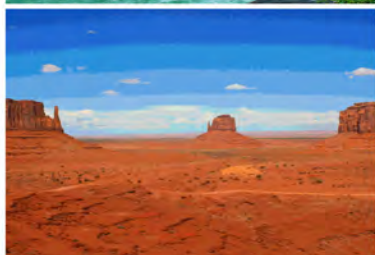
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: PLU 423 South Frac Pond

Work Order: E207157

Job Number: 22010-0001

Received: 7/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/26/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/26/22

Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701



Project Name: PLU 423 South Frac Pond
Workorder: E207157
Date Received: 7/23/2022 11:30:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2022 11:30:00AM, under the Project Name: PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/26/22 16:06
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-163 (5.8')	E207157-01A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-223 (4.8')	E207157-02A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-247 (4')	E207157-03A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-248 (4')	E207157-04A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-249 (4')	E207157-05A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-250 (4')	E207157-06A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-251 (4')	E207157-07A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-252 (4')	E207157-08A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-253 (4')	E207157-09A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-254 (4')	E207157-10A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-255 (4')	E207157-11A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-256 (4')	E207157-12A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-257 (4')	E207157-13A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-258 (4')	E207157-14A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-259 (4')	E207157-15A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-260 (4')	E207157-16A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-261 (4')	E207157-17A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-262 (4')	E207157-18A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-263 (4')	E207157-19A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-264 (4')	E207157-20A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:06:40PM
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CS-163 (5.8')

E207157-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Benzene	ND	0.0250	1	07/23/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/23/22	
Toluene	ND	0.0250	1	07/23/22	07/23/22	
o-Xylene	ND	0.0250	1	07/23/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/23/22	
Surrogate: 4-Bromochlorobenzene-PID	99.5 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/23/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.1 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2230108	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
Surrogate: n-Nonane	98.4 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2231001	
Chloride	306	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-223 (4.8')

E207157-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/23/22	
Toluene	ND	0.0250	1	07/23/22	07/23/22	
o-Xylene	ND	0.0250	1	07/23/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	95.4 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	380	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-247 (4')

E207157-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/23/22	
Toluene	ND	0.0250	1	07/23/22	07/23/22	
o-Xylene	ND	0.0250	1	07/23/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	93.2 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	23.6	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-248 (4')

E207157-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/23/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/23/22	
Toluene	ND	0.0250	1	07/23/22	07/23/22	
o-Xylene	ND	0.0250	1	07/23/22	07/23/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/23/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		07/23/22	07/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	97.5 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	43.3	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-249 (4')

E207157-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	42.8	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-250 (4')

E207157-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	95.6 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	385	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-251 (4')

E207157-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	97.6 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	46.5	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-252 (4')

E207157-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0500	2	07/23/22	07/24/22	
Ethylbenzene	ND	0.0500	2	07/23/22	07/24/22	
Toluene	ND	0.0500	2	07/23/22	07/24/22	
o-Xylene	ND	0.0500	2	07/23/22	07/24/22	
p,m-Xylene	ND	0.100	2	07/23/22	07/24/22	
Total Xylenes	ND	0.0500	2	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		198 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	40.0	2	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		192 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
		95.0 %	50-200	07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	24.2	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-253 (4')

E207157-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	90.6 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	66.6	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-254 (4')

E207157-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	95.4 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	90.2	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-255 (4')

E207157-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	96.7 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	122	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-256 (4')

E207157-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	395	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-257 (4')

E207157-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	98.2 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	285	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-258 (4')

E207157-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	98.9 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	23.3	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-259 (4')

E207157-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	98.7 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	78.3	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-260 (4')

E207157-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	99.7 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	68.2	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-261 (4')

E207157-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2230104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2230108	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>	99.1 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2231001	
Chloride	464	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-262 (4')

E207157-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	290	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-263 (4')

E207157-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.5 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	22.1	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:06:40PM

CS-264 (4')

E207157-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230104
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230108
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	97.8 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231001
Chloride	58.9	20.0	1	07/24/22	07/24/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:06:40PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230104-BLK1)

Prepared: 07/23/22 Analyzed: 07/23/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			

LCS (2230104-BS1)

Prepared: 07/23/22 Analyzed: 07/23/22

Benzene	4.64	0.0250	5.00		92.8	70-130			
Ethylbenzene	4.04	0.0250	5.00		80.7	70-130			
Toluene	4.37	0.0250	5.00		87.3	70-130			
o-Xylene	4.32	0.0250	5.00		86.4	70-130			
p,m-Xylene	8.35	0.0500	10.0		83.5	70-130			
Total Xylenes	12.7	0.0250	15.0		84.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			

LCS Dup (2230104-BSD1)

Prepared: 07/23/22 Analyzed: 07/23/22

Benzene	4.81	0.0250	5.00		96.1	70-130	3.50	20	
Ethylbenzene	4.18	0.0250	5.00		83.6	70-130	3.48	20	
Toluene	4.52	0.0250	5.00		90.4	70-130	3.48	20	
o-Xylene	4.47	0.0250	5.00		89.4	70-130	3.47	20	
p,m-Xylene	8.64	0.0500	10.0		86.4	70-130	3.45	20	
Total Xylenes	13.1	0.0250	15.0		87.4	70-130	3.46	20	
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:06:40PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230104-BLK1)

Prepared: 07/23/22 Analyzed: 07/23/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			

LCS (2230104-BS2)

Prepared: 07/23/22 Analyzed: 07/23/22

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			

LCS Dup (2230104-BSD2)

Prepared: 07/23/22 Analyzed: 07/23/22

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0		93.8	70-130	0.432	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			



QC Summary Data

Carmona Resources	Project Name:	PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/26/2022 4:06:40PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230108-BLK1)					Prepared: 07/23/22 Analyzed: 07/23/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			

LCS (2230108-BS1)					Prepared: 07/23/22 Analyzed: 07/23/22				
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
Surrogate: n-Nonane	46.7		50.0		93.4	50-200			

Matrix Spike (2230108-MS1)					Source: E207157-17		Prepared: 07/23/22 Analyzed: 07/23/22		
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	48.4		50.0		96.7	50-200			

Matrix Spike Dup (2230108-MSD1)					Source: E207157-17		Prepared: 07/23/22 Analyzed: 07/23/22		
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132	2.06	20	
Surrogate: n-Nonane	48.2		50.0		96.4	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:06:40PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231001-BLK1)

Prepared: 07/24/22 Analyzed: 07/24/22

Chloride	ND	20.0							
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LCS (2231001-BS1)

Prepared: 07/24/22 Analyzed: 07/24/22

Chloride	239	20.0	250		95.8	90-110			
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Matrix Spike (2231001-MS1)

Source: E207157-01

Prepared: 07/24/22 Analyzed: 07/24/22

Chloride	551	20.0	250	306	98.0	80-120			
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Matrix Spike Dup (2231001-MSD1)

Source: E207157-01

Prepared: 07/24/22 Analyzed: 07/24/22

Chloride	557	20.0	250	306	100	80-120	1.11	20	
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QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/26/22 16:06

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E207157
 Job # 22010-0001

Page 1 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST										Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code												None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS												Cool: Cool MeOH: Me							
Sampler's Name:		CM																HCL: HC HNO ₃ : HN							
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No												H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-163 (5.8')		7/21/2022				X				C		1		X X X											
CS-223 (4.8')		7/21/2022				X				C		1		X X X											
CS-247 (4')		7/21/2022				X				C		1		X X X											
CS-248 (4')		7/21/2022				X				C		1		X X X											
CS-249 (4')		7/21/2022				X				C		1		X X X											
CS-250 (4')		7/21/2022				X				C		1		X X X											
CS-251 (4')		7/21/2022				X				C		1		X X X											
CS-252 (4')		7/21/2022				X				C		1		X X X											
CS-253 (4')		7/21/2022				X				C		1		X X X											
CS-254 (4')		7/21/2022				X				C		1		X X X											

Email to MIKE CARMONA / mcarmona@carmonaresources.com
 CONNER MOEHRING / cmoehring@carmonaresources.com
 EDDY GAYTON / ngaytan@hazmatspecialservices.com

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		7/22/22		<i>Heriberto Gayton</i>		7-22-22 9:42	
<i>Heriberto Gayton</i>		7-22-22		<i>Carla Chute</i>		7-22-22 4:15	
						7/23/22 11:3	

Chain of Custody

Work Order No: E207157
Job# 22010-0001

Page 2 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No				Thermometer ID:																NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A				Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A				Temperature Reading:																Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-255 (4')		7/21/2022				X				C		1		X X X													
CS-256 (4')		7/21/2022				X				C		1		X X X													
CS-257 (4')		7/21/2022				X				C		1		X X X													
CS-258 (4')		7/21/2022				X				C		1		X X X													
CS-259 (4')		7/21/2022				X				C		1		X X X													
CS-260 (4')		7/21/2022				X				C		1		X X X													
CS-261 (4')		7/21/2022				X				C		1		X X X													
CS-262 (4')		7/21/2022				X				C		1		X X X													
CS-263 (4')		7/21/2022				X				C		1		X X X													
CS-264 (4')		7/21/2022				X				C		1		X X X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		8/22/22		<i>Heriberto Gayton</i>		7/22/22 9:45	
<i>Heriberto Gayton</i>		7-22-22 4:15		<i>Carla</i>		7/23/22 11:30	

Envirotech Analytical Laboratory

Printed: 7/25/2022 12:40:41PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	07/23/22 11:30	Work Order ID:	E207157
Phone:	(432) 813-6823	Date Logged In:	07/22/22 16:43	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	07/25/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project was separated into 5 reports due to amount of samples. Workorders are as follows: E207157 COC pg 1&2 of 10, E207158 COC pg 3&4 of 10, E207159 COC pg 5&6 of 10, E207160 COC pg 7&8 of 10, E207161 COC pg 9&10 of 10. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

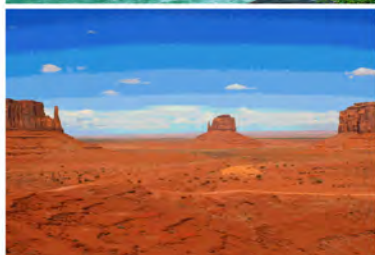
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: PLU 423 South Frac Pond

Work Order: E207158

Job Number: 22010-0001

Received: 7/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/26/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/26/22

Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701



Project Name: PLU 423 South Frac Pond
Workorder: E207158
Date Received: 7/23/2022 11:30:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2022 11:30:00AM, under the Project Name: PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/26/22 16:14
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-265 (4')	E207158-01A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-266 (4')	E207158-02A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-267 (4')	E207158-03A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-268 (4')	E207158-04A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-269 (4')	E207158-05A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-270 (4')	E207158-06A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-271 (4')	E207158-07A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-272 (4')	E207158-08A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-273 (4')	E207158-09A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-274 (4')	E207158-10A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-275 (4')	E207158-11A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-276 (4')	E207158-12A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-277 (4')	E207158-13A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-278 (4')	E207158-14A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-279 (4')	E207158-15A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-280 (4')	E207158-16A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-281 (4')	E207158-17A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-282 (4')	E207158-18A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-283 (4')	E207158-19A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-284 (4')	E207158-20A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:14:22PM
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CS-265 (4')

E207158-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
Surrogate: 4-Bromochlorobenzene-PID	97.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
Surrogate: n-Nonane	110 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	71.0	20.0	1	07/24/22	07/24/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-266 (4')

E207158-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	186	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-267 (4')

E207158-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	62.3	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-268 (4')

E207158-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	98.0 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	37.6	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-269 (4')

E207158-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230109
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/26/22	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		07/23/22	07/26/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231002
Chloride	21.6	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-270 (4')

E207158-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-271 (4')

E207158-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	44.7	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-272 (4')

E207158-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	50.5	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-273 (4')

E207158-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	318	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-274 (4')

E207158-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/23/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		07/23/22	07/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	208	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-275 (4')

E207158-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	27.7	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-276 (4')

E207158-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	52.5	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-277 (4')

E207158-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.7 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>	108 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	555	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-278 (4')

E207158-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230109
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231002
Chloride	60.8	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-279 (4')

E207158-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	513	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-280 (4')

E207158-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230109
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231002
Chloride	33.5	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-281 (4')

E207158-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	45.3	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-282 (4')

E207158-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	521	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-283 (4')

E207158-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230105
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230109
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231002
Chloride	39.0	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:14:22PM

CS-284 (4')

E207158-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230109	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/24/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		07/23/22	07/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2231002	
Chloride	21.0	20.0	1	07/24/22	07/25/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:14:22PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230105-BLK1)

Prepared: 07/23/22 Analyzed: 07/24/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.2	70-130			

LCS (2230105-BS1)

Prepared: 07/23/22 Analyzed: 07/24/22

Benzene	4.71	0.0250	5.00		94.1	70-130			
Ethylbenzene	4.07	0.0250	5.00		81.4	70-130			
Toluene	4.42	0.0250	5.00		88.4	70-130			
o-Xylene	4.36	0.0250	5.00		87.3	70-130			
p,m-Xylene	8.42	0.0500	10.0		84.2	70-130			
Total Xylenes	12.8	0.0250	15.0		85.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			

LCS Dup (2230105-BSD1)

Prepared: 07/23/22 Analyzed: 07/24/22

Benzene	4.80	0.0250	5.00		96.0	70-130	1.98	20	
Ethylbenzene	4.16	0.0250	5.00		83.2	70-130	2.24	20	
Toluene	4.51	0.0250	5.00		90.3	70-130	2.10	20	
o-Xylene	4.45	0.0250	5.00		89.0	70-130	1.96	20	
p,m-Xylene	8.60	0.0500	10.0		86.0	70-130	2.16	20	
Total Xylenes	13.1	0.0250	15.0		87.0	70-130	2.09	20	
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			



QC Summary Data

Carmona Resources	Project Name:	PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/26/2022 4:14:22PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2230105-BLK1) Prepared: 07/23/22 Analyzed: 07/24/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130			

LCS (2230105-BS2) Prepared: 07/23/22 Analyzed: 07/24/22

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			

LCS Dup (2230105-BSD2) Prepared: 07/23/22 Analyzed: 07/24/22

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		88.0	70-130	5.71	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:14:22PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230109-BLK1)

Prepared: 07/23/22 Analyzed: 07/23/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.2		50.0		98.4	50-200			

LCS (2230109-BS1)

Prepared: 07/23/22 Analyzed: 07/23/22

Diesel Range Organics (C10-C28)	281	25.0	250		112	38-132			
Surrogate: <i>n</i> -Nonane	56.1		50.0		112	50-200			

Matrix Spike (2230109-MS1)

Source: E207158-11

Prepared: 07/23/22 Analyzed: 07/23/22

Diesel Range Organics (C10-C28)	264	25.0	250	ND	105	38-132			
Surrogate: <i>n</i> -Nonane	50.9		50.0		102	50-200			

Matrix Spike Dup (2230109-MSD1)

Source: E207158-11

Prepared: 07/23/22 Analyzed: 07/23/22

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132	4.12	20	
Surrogate: <i>n</i> -Nonane	48.6		50.0		97.2	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:14:22PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231002-BLK1)

Prepared: 07/24/22 Analyzed: 07/24/22

Chloride ND 20.0

LCS (2231002-BS1)

Prepared: 07/24/22 Analyzed: 07/24/22

Chloride 245 20.0 250 98.1 90-110

Matrix Spike (2231002-MS1)

Source: E207158-01

Prepared: 07/24/22 Analyzed: 07/25/22

Chloride 314 20.0 250 71.0 97.2 80-120

Matrix Spike Dup (2231002-MSD1)

Source: E207158-01

Prepared: 07/24/22 Analyzed: 07/25/22

Chloride 307 20.0 250 71.0 94.5 80-120 2.24 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/26/22 16:14

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E207158
 Job# 22010-0001

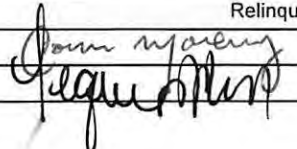
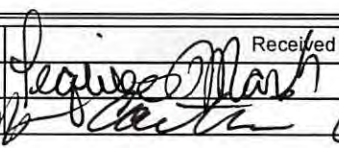
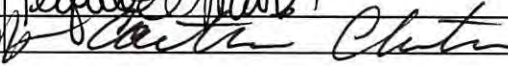
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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me			
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN			
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP	
Received Intact:		Yes No				Thermometer ID:																NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes No N/A				Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes No N/A				Temperature Reading:																Zn Acetate+NaOH: Zn	
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-265 (4')		7/21/2022		X		C	1	X	X	X													
CS-266 (4')		7/21/2022		X		C	1	X	X	X													
CS-267 (4')		7/21/2022		X		C	1	X	X	X													
CS-268 (4')		7/21/2022		X		C	1	X	X	X													
CS-269 (4')		7/21/2022		X		C	1	X	X	X													
CS-270 (4')		7/21/2022		X		C	1	X	X	X													
CS-271 (4')		7/21/2022		X		C	1	X	X	X													
CS-272 (4')		7/21/2022		X		C	1	X	X	X													
CS-273 (4')		7/21/2022		X		C	1	X	X	X													
CS-274 (4')		7/21/2022		X		C	1	X	X	X													

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		7/22/22				7-22-22 9:45	
		7-22-22 11:30				7/23/22 11:30	

Chain of Custody

Work Order No: E207158
 Job# 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No				Thermometer ID:																NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A				Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A				Temperature Reading:																Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-275 (4')		7/21/2022				X				C		1		X X X													
CS-276 (4')		7/21/2022				X				C		1		X X X													
CS-277 (4')		7/21/2022				X				C		1		X X X													
CS-278 (4')		7/21/2022				X				C		1		X X X													
CS-279 (4')		7/21/2022				X				C		1		X X X													
CS-280 (4')		7/21/2022				X				C		1		X X X													
CS-281 (4')		7/21/2022				X				C		1		X X X													
CS-282 (4')		7/21/2022				X				C		1		X X X													
CS-283 (4')		7/21/2022				X				C		1		X X X													
CS-284 (4')		7/21/2022				X				C		1		X X X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		7/22/22		<i>Heriberto Gayton</i>		7-22-22 4:50	
<i>Heriberto Gayton</i>		7-22-22		<i>Conner Moehring</i>		7/23/22 11:30	

Envirotech Analytical Laboratory

Printed: 7/25/2022 12:47:18PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	07/23/22 11:30	Work Order ID:	E207158
Phone:	(432) 813-6823	Date Logged In:	07/22/22 16:46	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	07/25/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project was separated into 5 reports due to amount of samples. Workorders are as follows: E207157 COC pg 1&2 of 10, E207158 COC pg 3&4 of 10, E207159 COC pg 5&6 of 10, E207160 COC pg 7&8 of 10, E207161 COC pg 9&10 of 10. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

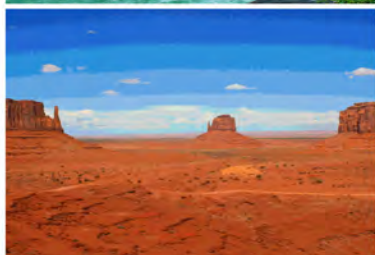
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206219

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206219
Date Received: 6/29/2022 7:07:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:07:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Alexa Michaels
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Technical Representative/Client Services
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Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 15:07
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-300 (5.5')	E206219-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-301 (5.5')	E206219-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-302 (5.5')	E206219-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-303 (5.5')	E206219-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-304 (5.5')	E206219-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-305 (5.5')	E206219-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-306 (5.5')	E206219-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-307 (5.5')	E206219-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-308 (5.5')	E206219-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-309 (5.5')	E206219-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-310 (5.5')	E206219-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-311 (5.5')	E206219-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-312 (5.5')	E206219-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-313 (5.5')	E206219-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-314 (5.5')	E206219-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-315 (5.5')	E206219-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-316 (5.5')	E206219-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-317 (5.5')	E206219-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-318 (5.5')	E206219-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-319 (5.5')	E206219-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:07:55PM
---	---	---------------------------------

CS-300 (5.5')

E206219-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	96.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	96.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	97.4 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	32.6	20.0	1	06/30/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-301 (5.5')

E206219-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	99.9 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	29.4	20.0	1	06/30/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-302 (5.5')

E206219-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	95.9 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	32.2	20.0	1	06/30/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-303 (5.5')

E206219-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	103 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	32.3	20.0	1	06/30/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-304 (5.5')

E206219-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.7 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.7 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	98.2 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	24.4	20.0	1	06/30/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-305 (5.5')

E206219-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	96.4 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	28.7	20.0	1	06/30/22	06/30/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-306 (5.5')

E206219-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	92.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	92.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	96.4 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	72.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-307 (5.5')

E206219-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	94.6 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	28.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-308 (5.5')

E206219-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	104 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	32.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-309 (5.5')

E206219-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	107 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	85.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-310 (5.5')

E206219-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	101 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	30.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-311 (5.5')

E206219-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	95.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	31.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-312 (5.5')

E206219-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	102 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	40.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-313 (5.5')

E206219-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	99.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	75.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-314 (5.5')

E206219-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	102 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	30.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-315 (5.5')

E206219-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	106 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	83.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-316 (5.5')

E206219-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	98.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	103	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-317 (5.5')

E206219-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	92.9 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	92.9 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	107 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	32.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-318 (5.5')

E206219-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	107 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	32.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:07:55PM

CS-319 (5.5')

E206219-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227080
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	99.2 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227110
Chloride	30.3	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:07:55PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227080-BLK1)

Prepared: 06/29/22 Analyzed: 07/05/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.524		0.500		105	70-130			
Surrogate: Toluene-d8	0.464		0.500		92.8	70-130			

LCS (2227080-BS1)

Prepared: 06/29/22 Analyzed: 07/05/22

Benzene	2.13	0.0250	2.50		85.3	70-130			
Ethylbenzene	2.15	0.0250	2.50		85.9	70-130			
Toluene	2.12	0.0250	2.50		84.6	70-130			
o-Xylene	2.24	0.0250	2.50		89.7	70-130			
p,m-Xylene	4.36	0.0500	5.00		87.2	70-130			
Total Xylenes	6.60	0.0250	7.50		88.1	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

LCS Dup (2227080-BSD1)

Prepared: 06/29/22 Analyzed: 07/05/22

Benzene	2.23	0.0250	2.50		89.1	70-130	4.33	23	
Ethylbenzene	2.24	0.0250	2.50		89.4	70-130	3.99	27	
Toluene	2.19	0.0250	2.50		87.7	70-130	3.60	24	
o-Xylene	2.33	0.0250	2.50		93.0	70-130	3.63	27	
p,m-Xylene	4.55	0.0500	5.00		91.0	70-130	4.26	27	
Total Xylenes	6.88	0.0250	7.50		91.7	70-130	4.05	27	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:07:55PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227080-BLK1)

Prepared: 06/29/22 Analyzed: 07/05/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.524		0.500		105	70-130			
Surrogate: Toluene-d8	0.464		0.500		92.8	70-130			

LCS (2227080-BS2)

Prepared: 06/29/22 Analyzed: 07/05/22

Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.3	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			

LCS Dup (2227080-BSD2)

Prepared: 06/29/22 Analyzed: 07/05/22

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.6	70-130	4.93	20	
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.490		0.500		97.9	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:07:55PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227106-BLK1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	46.0		50.0		92.1	50-200			

LCS (2227106-BS1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	471	25.0	500		94.1	38-132			
Surrogate: <i>n</i> -Nonane	43.4		50.0		86.8	50-200			

Matrix Spike (2227106-MS1)

Source: E206219-12

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	509	25.0	500	ND	102	38-132			
Surrogate: <i>n</i> -Nonane	49.7		50.0		99.3	50-200			

Matrix Spike Dup (2227106-MSD1)

Source: E206219-12

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	498	25.0	500	ND	99.6	38-132	2.24	20	
Surrogate: <i>n</i> -Nonane	49.3		50.0		98.7	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 3:07:55PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227110-BLK1)					Prepared: 06/30/22 Analyzed: 06/30/22				
Chloride	ND	20.0							
LCS (2227110-BS1)					Prepared: 06/30/22 Analyzed: 06/30/22				
Chloride	252	20.0	250		101	90-110			
LCS Dup (2227110-BSD1)					Prepared: 06/30/22 Analyzed: 06/30/22				
Chloride	252	20.0	250		101	90-110	0.115	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 15:07

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E206219
Job # 22010-0001Page 27 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RR ☐ Sup ☐ Fund ☐
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	TRF ☐ L ☐ PI IV ☐
Deliverables: EDD	☐	ADaPT	☐ Other:

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont														Sample Comments	
CS-300 (5.5')		6/23/2022				X				C		1		X X X													
CS-301 (5.5')		6/23/2022				X				C		1		X X X													
CS-302 (5.5')		6/23/2022				X				C		1		X X X													
CS-303 (5.5')		6/23/2022				X				C		1		X X X													
CS-304 (5.5')		6/23/2022				X				C		1		X X X													
CS-305 (5.5')		6/23/2022				X				C		1		X X X													
CS-306 (5.5')		6/23/2022				X				C		1		X X X													
CS-307 (5.5')		6/23/2022				X				C		1		X X X													
CS-308 (5.5')		6/23/2022				X				C		1		X X X													
CS-309 (5.5')		6/23/2022				X				C		1		X X X													

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6.28.22				6.28.22	
		6.28.22				6/29/22 7:04	

Work Order Comments				
Program: UST/PST	☐ PRP	☐ Brownfields	RR ☐	Sup ☐ fund ☐
State of Project:				
Reporting: Level II	☐ Level III	☐ PST/UST	TRF ☐	Level IV ☐
Deliverables: EDD	☐	ADaPT ☐	Other:	

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Envirotech Analytical Laboratory

Printed: 6/29/2022 2:06:29PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:07	Work Order ID:	E206219
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:05	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206220

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206220
Date Received: 6/29/2022 7:07:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:07:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Rayny Hagan
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 12:00
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-320 (5.5')	E206220-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-321 (5.5')	E206220-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-322 (5.5')	E206220-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-323 (5.5')	E206220-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-324 (5.5')	E206220-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-325 (5.5')	E206220-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-326 (5.5')	E206220-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-327 (5.5')	E206220-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-328 (5.5')	E206220-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-329 (5.5')	E206220-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-330 (5.5')	E206220-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-331 (5.5')	E206220-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-332 (5.5')	E206220-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-333 (5.5')	E206220-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-334 (5.5')	E206220-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-335 (5.5')	E206220-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-336 (5.5')	E206220-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-337 (5.5')	E206220-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-338 (5.5')	E206220-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-339 (5.5')	E206220-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 12:00:45PM
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CS-320 (5.5')

E206220-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2227081	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: Bromofluorobenzene</i>	96.6 %	70-130		06/29/22	07/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.6 %	70-130		06/29/22	07/02/22	
<i>Surrogate: Toluene-d8</i>	95.3 %	70-130		06/29/22	07/02/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: Bromofluorobenzene</i>	96.6 %	70-130		06/29/22	07/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.6 %	70-130		06/29/22	07/02/22	
<i>Surrogate: Toluene-d8</i>	95.3 %	70-130		06/29/22	07/02/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227107	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
<i>Surrogate: n-Nonane</i>	112 %	50-200		06/30/22	07/05/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227113	
Chloride	33.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-321 (5.5')

E206220-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	110 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	85.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-322 (5.5')

E206220-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	111 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	92.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-323 (5.5')

E206220-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	120 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	34.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-324 (5.5')

E206220-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	91.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	97.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	91.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	97.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	122 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	97.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-325 (5.5')

E206220-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	114 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	ND	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-326 (5.5')

E206220-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	126 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	28.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-327 (5.5')

E206220-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.7 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	96.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.7 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	96.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	120 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	82.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-328 (5.5')

E206220-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	123 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	31.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-329 (5.5')

E206220-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	93.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	93.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	119 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	26.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-330 (5.5')

E206220-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	120 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	25.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-331 (5.5')

E206220-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	129 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	36.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-332 (5.5')

E206220-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	129 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	119	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-333 (5.5')

E206220-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	119 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	86.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-334 (5.5')

E206220-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	132 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	114	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-335 (5.5')

E206220-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	125 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	110	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-336 (5.5')

E206220-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	94.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	124 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	61.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-337 (5.5')

E206220-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	96.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	96.8 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	96.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	125 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	26.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-338 (5.5')

E206220-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	128 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	91.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 12:00:45PM

CS-339 (5.5')

E206220-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/29/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/29/22	07/03/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	131 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227113
Chloride	31.2	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 12:00:45PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227081-BLK1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.474		0.500		94.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.469		0.500		93.8	70-130			

LCS (2227081-BS1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	2.47	0.0250	2.50		98.8	70-130			
Ethylbenzene	2.44	0.0250	2.50		97.6	70-130			
Toluene	2.50	0.0250	2.50		99.9	70-130			
o-Xylene	2.57	0.0250	2.50		103	70-130			
p,m-Xylene	5.00	0.0500	5.00		99.9	70-130			
Total Xylenes	7.57	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			

LCS Dup (2227081-BSD1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	2.45	0.0250	2.50		98.0	70-130	0.874	23	
Ethylbenzene	2.44	0.0250	2.50		97.5	70-130	0.164	27	
Toluene	2.43	0.0250	2.50		97.1	70-130	2.88	24	
o-Xylene	2.56	0.0250	2.50		102	70-130	0.644	27	
p,m-Xylene	4.95	0.0500	5.00		99.1	70-130	0.894	27	
Total Xylenes	7.51	0.0250	7.50		100	70-130	0.809	27	
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 12:00:45PM
---	---	--------------------------------------

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227081-BLK1)

Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.474		0.500		94.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.469		0.500		93.8	70-130			

LCS (2227081-BS2)

Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	42.0	20.0	50.0		84.1	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

LCS Dup (2227081-BSD2)

Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.5	70-130	1.69	20	
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 12:00:45PM
---	---	----------------------------------

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227107-BLK1)

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	54.6		50.0		109	50-200			

LCS (2227107-BS1)

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	510	25.0	500		102	38-132			
Surrogate: <i>n</i> -Nonane	49.1		50.0		98.1	50-200			

Matrix Spike (2227107-MS1)

Source: E206220-06

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	536	25.0	500	ND	107	38-132			
Surrogate: <i>n</i> -Nonane	53.9		50.0		108	50-200			

Matrix Spike Dup (2227107-MSD1)

Source: E206220-06

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	588	25.0	500	ND	118	38-132	9.35	20	
Surrogate: <i>n</i> -Nonane	58.5		50.0		117	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 12:00:45PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227113-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227113-BS1)					Prepared: 06/30/22 Analyzed: 07/02/22				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2227113-BSD1)					Prepared: 06/30/22 Analyzed: 07/02/22				
Chloride	252	20.0	250		101	90-110	0.638	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 12:00

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E2010220
 Job # 22010-0001

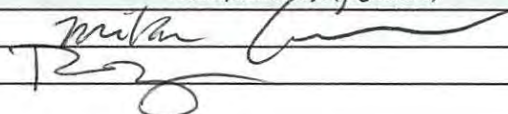
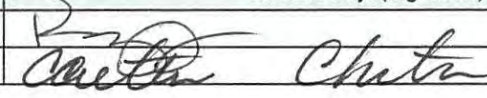
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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgraytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Le ☐ IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-320 (5.5')		6/23/2022				X				C		1		X X X													
CS-321 (5.5')		6/23/2022				X				C		1		X X X													
CS-322 (5.5')		6/23/2022				X				C		1		X X X													
CS-323 (5.5')		6/23/2022				X				C		1		X X X													
CS-324 (5.5')		6/23/2022				X				C		1		X X X													
CS-325 (5.5')		6/23/2022				X				C		1		X X X													
CS-326 (5.5')		6/23/2022				X				C		1		X X X													
CS-327 (5.5')		6/23/2022				X				C		1		X X X													
CS-328 (5.5')		6/23/2022				X				C		1		X X X													
CS-329 (5.5')		6/23/2022				X				C		1		X X X													

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6/28/22				6/28/22	
		6/28/22				6/29/22 7:07	

Chain of Custody

Work Order No: E206220
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ Fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRF ☐ L ☐ El IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont														Sample Comments	
CS-330 (5.5')		6/23/2022				X				C		1		X X X													
CS-331 (5.5')		6/23/2022				X				C		1		X X X													
CS-332 (5.5')		6/23/2022				X				C		1		X X X													
CS-333 (5.5')		6/23/2022				X				C		1		X X X													
CS-334 (5.5')		6/23/2022				X				C		1		X X X													
CS-335 (5.5')		6/23/2022				X				C		1		X X X													
CS-336 (5.5')		6/23/2022				X				C		1		X X X													
CS-337 (5.5')		6/23/2022				X				C		1		X X X													
CS-338 (5.5')		6/23/2022				X				C		1		X X X													
CS-339 (5.5')		6/23/2022				X				C		1		X X X													

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22				6/29/22 7:02	

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:10:01PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:07	Work Order ID:	E206220
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:12	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

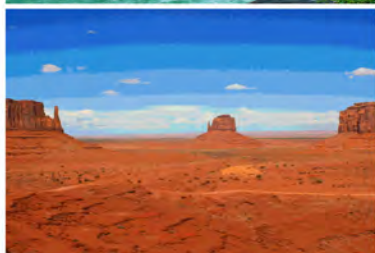
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206221

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/5/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206221
Date Received: 6/29/2022 7:08:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:08:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/05/22 17:25
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-340 (5.5')	E206221-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-341 (5.5')	E206221-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-342 (5.5')	E206221-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-343 (5.5')	E206221-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-344 (5.5')	E206221-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-345 (5.5')	E206221-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-346 (5.5')	E206221-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-347 (5.5')	E206221-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-348 (5.5')	E206221-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-349 (5.5')	E206221-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-350 (5.5')	E206221-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-351 (5.5')	E206221-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-352 (5.5')	E206221-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-353 (7')	E206221-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-354 (7')	E206221-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-355 (7')	E206221-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-356 (5.5')	E206221-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-357 (5.5')	E206221-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-358 (5.5')	E206221-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-359 (5.5')	E206221-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:25:57PM
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CS-340 (5.5')

E206221-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: 4-Bromochlorobenzene-PID	95.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	125 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	277	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-341 (5.5')

E206221-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	92.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-342 (5.5')

E206221-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	106	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-343 (5.5')

E206221-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	22.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-344 (5.5')

E206221-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	138 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	ND	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-345 (5.5')

E206221-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	143 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	81.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-346 (5.5')

E206221-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	90.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-347 (5.5')

E206221-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	102	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-348 (5.5')

E206221-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	84.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-349 (5.5')

E206221-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	128 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	90.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-350 (5.5')

E206221-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	83.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-351 (5.5')

E206221-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	90.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-352 (5.5')

E206221-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	113	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-353 (7')

E206221-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	68.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-354 (7')

E206221-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	29.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-355 (7')

E206221-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	ND	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-356 (5.5')

E206221-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	96.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-357 (5.5')

E206221-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	31.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-358 (5.5')

E206221-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.6 %	70-130	06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.4 %	70-130	06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227109
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
		124 %	50-200	06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227120
Chloride	121	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 5:25:57PM

CS-359 (5.5')

E206221-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227109	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227120	
Chloride	79.3	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:25:57PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227082-BLK1)

Prepared: 06/29/22 Analyzed: 07/02/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.4	70-130			

LCS (2227082-BS1)

Prepared: 06/29/22 Analyzed: 07/02/22

Benzene	5.29	0.0250	5.00		106	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.6	70-130			
Toluene	4.99	0.0250	5.00		99.9	70-130			
o-Xylene	4.86	0.0250	5.00		97.2	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.5	0.0250	15.0		96.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			

LCS Dup (2227082-BSD1)

Prepared: 06/29/22 Analyzed: 07/02/22

Benzene	5.43	0.0250	5.00		109	70-130	2.65	20	
Ethylbenzene	4.80	0.0250	5.00		96.0	70-130	2.57	20	
Toluene	5.13	0.0250	5.00		103	70-130	2.68	20	
o-Xylene	5.00	0.0250	5.00		100	70-130	2.84	20	
p,m-Xylene	9.88	0.0500	10.0		98.8	70-130	2.62	20	
Total Xylenes	14.9	0.0250	15.0		99.2	70-130	2.69	20	
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 5:25:57PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227082-BLK1) Prepared: 06/29/22 Analyzed: 07/02/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			

LCS (2227082-BS2) Prepared: 06/29/22 Analyzed: 07/02/22

Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			

LCS Dup (2227082-BSD2) Prepared: 06/29/22 Analyzed: 07/02/22

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.8	70-130	3.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 5:25:57PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227109-BLK1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	62.7		50.0		125	50-200			

LCS (2227109-BS1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	562	25.0	500		112	38-132			
Surrogate: <i>n</i> -Nonane	78.7		50.0		157	50-200			

Matrix Spike (2227109-MS1)

Source: E206221-17

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	497	25.0	500	ND	99.4	38-132			
Surrogate: <i>n</i> -Nonane	69.5		50.0		139	50-200			

Matrix Spike Dup (2227109-MSD1)

Source: E206221-17

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	446	25.0	500	ND	89.3	38-132	10.8	20	
Surrogate: <i>n</i> -Nonane	72.2		50.0		144	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 5:25:57PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227120-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227120-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	257	20.0	250		103	90-110			
LCS Dup (2227120-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	258	20.0	250		103	90-110	0.332	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/05/22 17:25

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RRC ☐ Superfund ☐
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	TRRP ☐ Level ☐
Deliverables: EDD	☐	ADaPT ☐	Other:

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Envirotech Analytical Laboratory

Printed: 6/29/2022 2:19:42PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:08	Work Order ID:	E206221
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:13	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206222

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206222
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 13:51
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-360 (5.5')	E206222-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-361 (5.5')	E206222-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-362 (5.5')	E206222-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-363 (5.5')	E206222-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-364 (5.5')	E206222-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-365 (5.5')	E206222-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-366 (5.5')	E206222-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-367 (5.5')	E206222-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-368 (5.5')	E206222-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-369 (5.5')	E206222-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-370 (5.5')	E206222-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-371 (5.5')	E206222-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-372 (5.5')	E206222-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-373 (5.5')	E206222-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-374 (5.5')	E206222-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-375 (5.5')	E206222-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-376 (7')	E206222-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-377 (7')	E206222-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-378 (7')	E206222-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-379 (5.5')	E206222-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 1:51:02PM
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CS-360 (5.5')

E206222-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	115 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	31.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-361 (5.5')

E206222-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	137 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	89.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-362 (5.5')

E206222-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	117 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	104	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-363 (5.5')

E206222-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	134 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	41.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-364 (5.5')

E206222-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	129 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	35.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-365 (5.5')

E206222-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	115 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	33.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-366 (5.5')

E206222-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	112 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	ND	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-367 (5.5')

E206222-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	101 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	123 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	90.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-368 (5.5')

E206222-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	123 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	76.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-369 (5.5')

E206222-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	99.0 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	81.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-370 (5.5')

E206222-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	118 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	41.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-371 (5.5')

E206222-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	109 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	36.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-372 (5.5')

E206222-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	125 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	35.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-373 (5.5')

E206222-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	119 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	53.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-374 (5.5')

E206222-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	111 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	74.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-375 (5.5')

E206222-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	102 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	116 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	88.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-376 (7')

E206222-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	115 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	31.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-377 (7')

E206222-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		06/29/22	07/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/29/22	07/02/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane	128 %	50-200		06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	96.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-378 (7')

E206222-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/05/22	
Toluene	ND	0.0250	1	06/29/22	07/05/22	
o-Xylene	ND	0.0250	1	06/29/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/05/22	
Surrogate: Bromofluorobenzene		100 %	70-130	06/29/22	07/05/22	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	06/29/22	07/05/22	
Surrogate: Toluene-d8		104 %	70-130	06/29/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/05/22	
Surrogate: Bromofluorobenzene		100 %	70-130	06/29/22	07/05/22	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	06/29/22	07/05/22	
Surrogate: Toluene-d8		104 %	70-130	06/29/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/01/22	
Surrogate: n-Nonane		123 %	50-200	06/30/22	07/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	34.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 1:51:02PM

CS-379 (5.5')

E206222-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Benzene	ND	0.0250	1	06/29/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/05/22	
Toluene	ND	0.0250	1	06/29/22	07/05/22	
o-Xylene	ND	0.0250	1	06/29/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/05/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/29/22	07/05/22	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		06/29/22	07/05/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227083
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/05/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		06/29/22	07/05/22	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		06/29/22	07/05/22	
Surrogate: Toluene-d8	103 %	70-130		06/29/22	07/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227111
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	115 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227121
Chloride	38.3	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 1:51:02PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227083-BLK1)

Prepared: 06/29/22 Analyzed: 07/05/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS (2227083-BS1)

Prepared: 06/29/22 Analyzed: 07/05/22

Benzene	2.29	0.0250	2.50		91.4	70-130			
Ethylbenzene	2.30	0.0250	2.50		92.2	70-130			
Toluene	2.19	0.0250	2.50		87.6	70-130			
o-Xylene	2.19	0.0250	2.50		87.7	70-130			
p,m-Xylene	4.34	0.0500	5.00		86.8	70-130			
Total Xylenes	6.53	0.0250	7.50		87.1	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

LCS Dup (2227083-BSD1)

Prepared: 06/29/22 Analyzed: 07/05/22

Benzene	2.28	0.0250	2.50		91.3	70-130	0.109	23	
Ethylbenzene	2.30	0.0250	2.50		92.1	70-130	0.0868	27	
Toluene	2.19	0.0250	2.50		87.6	70-130	0.00	24	
o-Xylene	2.17	0.0250	2.50		86.7	70-130	1.22	27	
p,m-Xylene	4.33	0.0500	5.00		86.5	70-130	0.335	27	
Total Xylenes	6.49	0.0250	7.50		86.6	70-130	0.630	27	
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 1:51:02PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227083-BLK1)

Prepared: 06/29/22 Analyzed: 07/05/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS (2227083-BS2)

Prepared: 06/29/22 Analyzed: 07/05/22

Gasoline Range Organics (C6-C10)	60.4	20.0	50.0		121	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS Dup (2227083-BSD2)

Prepared: 06/29/22 Analyzed: 07/05/22

Gasoline Range Organics (C6-C10)	60.8	20.0	50.0		122	70-130	0.559	20	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 1:51:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227111-BLK1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.4		50.0		109	50-200			

LCS (2227111-BS1)

Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	289	25.0	500		57.8	38-132			
Surrogate: n-Nonane	65.0		50.0		130	50-200			

Matrix Spike (2227111-MS1)

Source: E206222-04 Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	528	25.0	500	ND	106	38-132			
Surrogate: n-Nonane	67.4		50.0		135	50-200			

Matrix Spike Dup (2227111-MSD1)

Source: E206222-04 Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	510	25.0	500	ND	102	38-132	3.33	20	
Surrogate: n-Nonane	63.9		50.0		128	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 1:51:02PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227121-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227121-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	258	20.0	250		103	90-110			
LCS Dup (2227121-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	260	20.0	250		104	90-110	0.498	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 13:51

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E2060222
 Job # 22010-0001

Page 33 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Le IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-360 (5.5')		6/23/2022				X				C		1		X X X													
CS-361 (5.5')		6/23/2022				X				C		1		X X X													
CS-362 (5.5')		6/23/2022				X				C		1		X X X													
CS-363 (5.5')		6/23/2022				X				C		1		X X X													
CS-364 (5.5')		6/23/2022				X				C		1		X X X													
CS-365 (5.5')		6/23/2022				X				C		1		X X X													
CS-366 (5.5')		6/23/2022				X				C		1		X X X													
CS-367 (5.5')		6/23/2022				X				C		1		X X X													
CS-368 (5.5')		6/23/2022				X				C		1		X X X													
CS-369 (5.5')		6/23/2022				X				C		1		X X X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22				6/29/22 7:10	

Chain of Custody

Work Order No: E2062226/29/22
E206219 CC
Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST												Preservative Codes									
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0		HOLD												Cool: Cool MeOH: Me					
Sampler's Name:		CM				HCL: HC HNO ₃ : HN																					
PO #:						H ₂ SO ₄ : H ₂ NaOH: Na																					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:																Yes No					
Received Intact:		Yes No		Thermometer ID:																							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																		NaHSO ₄ : NABIS					
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4																Na ₂ S ₂ O ₃ : NaSO ₃					
Total Containers:				Corrected Temperature:																		Zn Acetate+NaOH: Zn					
																						NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-370 (5.5')		6/23/2022				X				C		1		X X X													
CS-371 (5.5')		6/23/2022				X				C		1		X X X													
CS-372 (5.5')		6/23/2022				X				C		1		X X X													
CS-373 (5.5')		6/23/2022				X				C		1		X X X													
CS-374 (5.5')		6/23/2022				X				C		1		X X X													
CS-375 (5.5')		6/23/2022				X				C		1		X X X													
CS-376 (7')		6/23/2022				X				C		1		X X X													
CS-377 (7')		6/23/2022				X				C		1		X X X													
CS-378 (7')		6/23/2022				X				C		1		X X X													
CS-379 (5.5')		6/23/2022				X				C		1		X X X													

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	
				6.28.22						6.28.22	
				6.28.22						6/29/22 7:10	

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:24:34PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206222
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:13	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

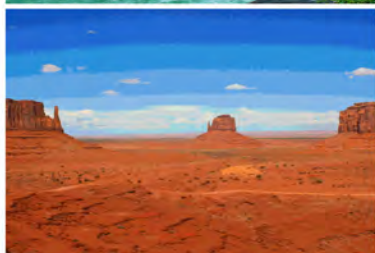
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206223

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206223
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 16:05
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-380 (5.5')	E206223-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-381 (5.5')	E206223-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-382 (5.5')	E206223-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-383 (5.5')	E206223-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-384 (5.5')	E206223-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-385 (5.5')	E206223-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-386 (5.5')	E206223-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-387 (7')	E206223-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-388 (7')	E206223-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-389 (7')	E206223-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-390 (5.5')	E206223-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-391 (5.5')	E206223-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-392 (5.5')	E206223-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-393 (5.5')	E206223-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-394 (5.5')	E206223-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-395 (5.5')	E206223-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-396 (5.5')	E206223-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-397 (7')	E206223-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-398 (7')	E206223-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-399 (7')	E206223-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-380 (5.5')

E206223-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
Surrogate: 4-Bromochlorobenzene-PID	91.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.1 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	122 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	114	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-381 (5.5')

E206223-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	37.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-382 (5.5')

E206223-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	34.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-383 (5.5')

E206223-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	132 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	38.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-384 (5.5')

E206223-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	30.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-385 (5.5')

E206223-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	133 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	32.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-386 (5.5')

E206223-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.1 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	26.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-387 (7')

E206223-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	37.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-388 (7')

E206223-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	131 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	27.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-389 (7')

E206223-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/02/22	
Toluene	ND	0.0250	1	06/29/22	07/02/22	
o-Xylene	ND	0.0250	1	06/29/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.6 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		06/29/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	123 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	38.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-390 (5.5')

E206223-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	123 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	33.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-391 (5.5')

E206223-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	31.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-392 (5.5')

E206223-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	108	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-393 (5.5')

E206223-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	53.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-394 (5.5')

E206223-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	31.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-395 (5.5')

E206223-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	59.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-396 (5.5')

E206223-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	125 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	36.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-397 (7')

E206223-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.1 %	70-130	06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.3 %	70-130	06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
		123 %	50-200	06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	85.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-398 (7')

E206223-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	30.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:05:37PM

CS-399 (7')

E206223-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227084
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227112
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227122
Chloride	147	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 4:05:37PM
---	---	--

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227084-BLK1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.20		8.00		90.0	70-130			

LCS (2227084-BS1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	5.09	0.0250	5.00		102	70-130			
Ethylbenzene	4.50	0.0250	5.00		90.0	70-130			
Toluene	4.81	0.0250	5.00		96.2	70-130			
o-Xylene	4.66	0.0250	5.00		93.2	70-130			
p,m-Xylene	9.25	0.0500	10.0		92.5	70-130			
Total Xylenes	13.9	0.0250	15.0		92.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.27		8.00		90.9	70-130			

LCS Dup (2227084-BSD1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	5.23	0.0250	5.00		105	70-130	2.72	20	
Ethylbenzene	4.61	0.0250	5.00		92.2	70-130	2.47	20	
Toluene	4.94	0.0250	5.00		98.9	70-130	2.76	20	
o-Xylene	4.79	0.0250	5.00		95.7	70-130	2.65	20	
p,m-Xylene	9.48	0.0500	10.0		94.8	70-130	2.43	20	
Total Xylenes	14.3	0.0250	15.0		95.1	70-130	2.51	20	
Surrogate: 4-Bromochlorobenzene-PID	7.23		8.00		90.4	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 4:05:37PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227084-BLK1) Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

LCS (2227084-BS2) Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			

LCS Dup (2227084-BSD2) Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130	5.88	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.6	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 4:05:37PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227112-BLK1) Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	61.3		50.0		123	50-200			

LCS (2227112-BS1) Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	518	25.0	500		104	38-132			
Surrogate: n-Nonane	60.4		50.0		121	50-200			

Matrix Spike (2227112-MS1) Source: E206223-08 Prepared: 06/30/22 Analyzed: 07/01/22

Diesel Range Organics (C10-C28)	515	25.0	500	ND	103	38-132			
Surrogate: n-Nonane	61.7		50.0		123	50-200			

Matrix Spike Dup (2227112-MSD1) Source: E206223-08 Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	532	25.0	500	ND	106	38-132	3.22	20	
Surrogate: n-Nonane	63.8		50.0		128	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 4:05:37PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227122-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227122-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	256	20.0	250		102	90-110			
LCS Dup (2227122-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	249	20.0	250		99.4	90-110	2.97	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 16:05

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E206223Job # 22010-0001Page 35 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RF ☐ Sup ☐ fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TR ☐ L ☐ el IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		7														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-380 (5.5')		6/23/2022				X				C		1		X X X													
CS-381 (5.5')		6/23/2022				X				C		1		X X X													
CS-382 (5.5')		6/23/2022				X				C		1		X X X													
CS-383 (5.5')		6/23/2022				X				C		1		X X X													
CS-384 (5.5')		6/23/2022				X				C		1		X X X													
CS-385 (5.5')		6/23/2022				X				C		1		X X X													
CS-386 (5.5')		6/23/2022				X				C		1		X X X													
CS-387 (7')		6/23/2022				X				C		1		X X X													
CS-388 (7')		6/23/2022				X				C		1		X X X													
CS-389 (7')		6/23/2022				X				C		1		X X X													

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Nika</i>		6-28-22		<i>Conner Moehring</i>		6-28-22	
<i>By</i>		6-29-22		<i>Conner Moehring</i>		6/29/22 7:10	

Chain of Custody

Work Order No: E206223
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RF ☐ Sup ☐ fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TR ☐ ☐ el IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me			
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN			
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP	
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-390 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-391 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-392 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-393 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-394 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-395 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-396 (5.5')		6/23/2022		X		C	1	X	X	X													
CS-397 (7')		6/23/2022		X		C	1	X	X	X													
CS-398 (7')		6/23/2022		X		C	1	X	X	X													
CS-399 (7')		6/23/2022		X		C	1	X	X	X													

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Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		6-28-22			6-28-22
		6-28-22			6/29/22 7:10

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:29:10PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206223
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:14	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

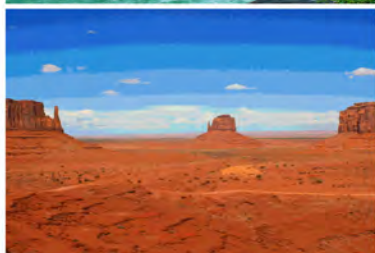
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206224

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206224
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Office: 505-421-LABS(5227)
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ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 16:30
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-400 (5.5')	E206224-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-401 (5.5')	E206224-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-402 (5.5')	E206224-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-403 (5.5')	E206224-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-404 (5.5')	E206224-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-405 (5.5')	E206224-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-406 (5.5')	E206224-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-407 (5.5')	E206224-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-408 (5.5')	E206224-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-409 (5.5')	E206224-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-410 (5.5')	E206224-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-411 (5.5')	E206224-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-412 (5.5')	E206224-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-413 (5.5')	E206224-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-414 (5.5')	E206224-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-415 (5.5')	E206224-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-416 (5.5')	E206224-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-417 (5.5')	E206224-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-418 (5.5')	E206224-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-419 (5.5')	E206224-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 4:30:49PM
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CS-400 (5.5')

E206224-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2227085	
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	89.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2227085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227114	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>	118 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227123	
Chloride	38.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-401 (5.5')

E206224-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	46.1	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-402 (5.5')

E206224-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	123 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	37.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-403 (5.5')

E206224-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	52.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-404 (5.5')

E206224-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	136 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	33.2	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-405 (5.5')

E206224-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	58.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-406 (5.5')

E206224-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	37.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-407 (5.5')

E206224-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	34.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-408 (5.5')

E206224-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	34.1	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-409 (5.5')

E206224-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	32.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-410 (5.5')

E206224-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	30.9	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-411 (5.5')

E206224-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	29.5	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-412 (5.5')

E206224-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.2 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	35.2	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-413 (5.5')

E206224-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	33.5	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-414 (5.5')

E206224-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	130 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	34.9	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-415 (5.5')

E206224-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.4 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	29.5	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-416 (5.5')

E206224-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.0 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	28.4	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-417 (5.5')

E206224-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	25.8	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-418 (5.5')

E206224-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.9 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	42.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 4:30:49PM

CS-419 (5.5')

E206224-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Benzene	ND	0.0250	1	06/29/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/29/22	07/03/22	
Toluene	ND	0.0250	1	06/29/22	07/03/22	
o-Xylene	ND	0.0250	1	06/29/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/29/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/29/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227085
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/29/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227114
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227123
Chloride	36.0	20.0	1	06/30/22	07/02/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 4:30:49PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227085-BLK1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.11		8.00		88.8	70-130			

LCS (2227085-BS1)

Prepared: 06/29/22 Analyzed: 07/03/22

Benzene	4.85	0.0250	5.00		97.0	70-130			
Ethylbenzene	4.27	0.0250	5.00		85.5	70-130			
Toluene	4.58	0.0250	5.00		91.5	70-130			
o-Xylene	4.44	0.0250	5.00		88.8	70-130			
p,m-Xylene	8.80	0.0500	10.0		88.0	70-130			
Total Xylenes	13.2	0.0250	15.0		88.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.25		8.00		90.6	70-130			

LCS Dup (2227085-BSD1)

Prepared: 06/29/22 Analyzed: 07/06/22

Benzene	5.29	0.0250	5.00		106	70-130	8.70	20	
Ethylbenzene	4.72	0.0250	5.00		94.4	70-130	9.91	20	
Toluene	5.02	0.0250	5.00		100	70-130	9.21	20	
o-Xylene	4.88	0.0250	5.00		97.7	70-130	9.51	20	
p,m-Xylene	9.75	0.0500	10.0		97.5	70-130	10.2	20	
Total Xylenes	14.6	0.0250	15.0		97.5	70-130	9.95	20	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 4:30:49PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227085-BLK1) Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			

LCS (2227085-BS2) Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	45.3	20.0	50.0		90.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			

LCS Dup (2227085-BSD2) Prepared: 06/29/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130	5.53	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 4:30:49PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227114-BLK1)

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	57.4		50.0		115	50-200			

LCS (2227114-BS1)

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	573	25.0	500		115	38-132			
Surrogate: <i>n</i> -Nonane	62.7		50.0		125	50-200			

Matrix Spike (2227114-MS1)

Source: E206224-14

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	564	25.0	500	ND	113	38-132			
Surrogate: <i>n</i> -Nonane	59.1		50.0		118	50-200			

Matrix Spike Dup (2227114-MSD1)

Source: E206224-14

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	536	25.0	500	ND	107	38-132	5.02	20	
Surrogate: <i>n</i> -Nonane	58.3		50.0		117	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 4:30:49PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227123-BLK1)					Prepared: 06/30/22 Analyzed: 07/02/22				
Chloride	ND	20.0							
LCS (2227123-BS1)					Prepared: 06/30/22 Analyzed: 07/02/22				
Chloride	256	20.0	250		103	90-110			
LCS Dup (2227123-BSD1)					Prepared: 06/30/22 Analyzed: 07/02/22				
Chloride	259	20.0	250		104	90-110	1.17	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 16:30

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E2010224
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST														Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO		DI Water: H ₂ O					
Project Location		Eddy Co, NM		Due Date:		24HRS		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0														Cool: Cool		MeOH: Me			
Sampler's Name:		CM																				HCL: HC		HNO ₃ : HN			
PO #:																						H ₂ SO ₄ : H ₂		NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:																☒ Yes ☐ No		H ₃ PO ₄ : HP			
Received Intact:		☒ Yes ☐ No		Thermometer ID:																		NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A		Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃																			
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4		Zn Acetate+NaOH: Zn																			
Total Containers:				Corrected Temperature:				NaOH+Ascorbic Acid: SAPC																			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	HOLD														Sample Comments					
1	CS-400 (5.5')	6/23/2022		X		C	1	X	X	X																	
2	CS-401 (5.5')	6/23/2022		X		C	1	X	X	X																	
3	CS-402 (5.5')	6/23/2022		X		C	1	X	X	X																	
4	CS-403 (5.5')	6/23/2022		X		C	1	X	X	X																	
5	CS-404 (5.5')	6/23/2022		X		C	1	X	X	X																	
6	CS-405 (5.5')	6/23/2022		X		C	1	X	X	X																	
7	CS-406 (5.5')	6/23/2022		X		C	1	X	X	X																	
8	CS-407 (5.5')	6/23/2022		X		C	1	X	X	X																	
9	CS-408 (5.5')	6/23/2022		X		C	1	X	X	X																	
10	CS-409 (5.5')	6/23/2022		X		C	1	X	X	X																	

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22				6/29/22 7:10	

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Work Order Comments				
Program:	UST/PST ☐ PRP ☐	Brownfields ☐	RRC ☐	Superfund ☐
State of Project:				
Reporting:	Level II ☐	Level III ☐	PST/UST ☐	RRP ☐
			Level IV ☐	☐
Deliverables:	EDD ☐	ADaPT ☐	Other: ☐	

[illegible]Page 32 of 33

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:32:44PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206224
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:14	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

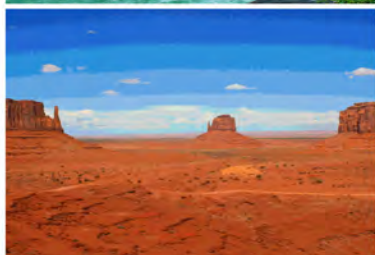
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206225

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206225
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Laboratory Administrator
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 15:26
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-420 (5.5')	E206225-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-421 (5.5')	E206225-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-422 (5.5')	E206225-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-423 (5.5')	E206225-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-424 (5.5')	E206225-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-425 (5.5')	E206225-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-426 (5.5')	E206225-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-427 (5.5')	E206225-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-428 (5.5')	E206225-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
CS-429 (5.5')	E206225-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-1	E206225-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-2	E206225-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-3	E206225-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-4	E206225-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-5	E206225-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-6	E206225-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-7	E206225-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-8	E206225-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-9	E206225-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-10	E206225-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:26:21PM
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CS-420 (5.5')

E206225-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2227101	
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.0 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2227101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2227115	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>	109 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2227125	
Chloride	41.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-421 (5.5')

E206225-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	112	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-422 (5.5')

E206225-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	97.3 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	31.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-423 (5.5')

E206225-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	98.9 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	43.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-424 (5.5')

E206225-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	182	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-425 (5.5')

E206225-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	99.3 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	116	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-426 (5.5')

E206225-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	24.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-427 (5.5')

E206225-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.0 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	38.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-428 (5.5')

E206225-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.1 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	47.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

CS-429 (5.5')

E206225-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.9 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	98.3 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	75.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-1

E206225-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.6 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.3 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	200 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	22.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-2

E206225-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.5 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.5 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	91.2 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	37.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-3

E206225-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.9 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.4 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	99.2 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	39.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-4

E206225-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.1 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.6 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	95.3 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	40.6	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-5

E206225-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/02/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/02/22	
Toluene	ND	0.0250	1	06/30/22	07/02/22	
o-Xylene	ND	0.0250	1	06/30/22	07/02/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/02/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.0 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.3 %	70-130		06/30/22	07/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	40.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-6

E206225-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.7 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.0 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	41.8	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-7

E206225-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.5 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.5 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	85.2 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	62.5	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-8

E206225-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	86.5 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	46.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-9

E206225-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.5 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.6 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	90.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	53.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 3:26:21PM

SW-10

E206225-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.5 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2227101
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.5 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227115
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	86.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227125
Chloride	ND	20.0	1	06/30/22	07/02/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:26:21PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227101-BLK1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.19		8.00		89.9	70-130			

LCS (2227101-BS1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	5.37	0.0250	5.00		107	70-130			
Ethylbenzene	4.71	0.0250	5.00		94.2	70-130			
Toluene	5.06	0.0250	5.00		101	70-130			
o-Xylene	4.90	0.0250	5.00		97.9	70-130			
p,m-Xylene	9.67	0.0500	10.0		96.7	70-130			
Total Xylenes	14.6	0.0250	15.0		97.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.6	70-130			

LCS Dup (2227101-BSD1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	5.16	0.0250	5.00		103	70-130	4.03	20	
Ethylbenzene	4.55	0.0250	5.00		90.9	70-130	3.51	20	
Toluene	4.88	0.0250	5.00		97.5	70-130	3.72	20	
o-Xylene	4.73	0.0250	5.00		94.6	70-130	3.38	20	
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130	3.40	20	
Total Xylenes	14.1	0.0250	15.0		93.9	70-130	3.39	20	
Surrogate: 4-Bromochlorobenzene-PID	7.39		8.00		92.4	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 3:26:21PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227101-BLK1)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			

LCS (2227101-BS2)

Prepared: 06/30/22 Analyzed: 07/04/22

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.6	70-130			

LCS Dup (2227101-BSD2)

Prepared: 06/30/22 Analyzed: 07/04/22

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.8	70-130	3.87	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 3:26:21PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227115-BLK1) Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.2		50.0		102	50-200			

LCS (2227115-BS1) Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	470	25.0	500		94.1	38-132			
Surrogate: n-Nonane	46.7		50.0		93.4	50-200			

Matrix Spike (2227115-MS1) Source: E206225-09 Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	471	25.0	500	ND	94.2	38-132			
Surrogate: n-Nonane	44.6		50.0		89.1	50-200			

Matrix Spike Dup (2227115-MSD1) Source: E206225-09 Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	468	25.0	500	ND	93.7	38-132	0.611	20	
Surrogate: n-Nonane	45.0		50.0		90.0	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 3:26:21PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227125-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227125-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	251	20.0	250		101	90-110			
LCS Dup (2227125-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	252	20.0	250		101	90-110	0.302	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 15:26

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E206225
 Job # 22010-0001

Page 39 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ perfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST																Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code																		None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS																		Cool: Cool MeOH: Me							
Sampler's Name:		CM																						HCL: HC HNO ₃ : HN							
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No																		H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No				Thermometer ID:																				NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A				Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A				Temperature Reading:		4																		Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
CS-420 (5.5')		6/23/2022				X				C		1		X X X																	
CS-421(5.5')		6/23/2022				X				C		1		X X X																	
CS-422 (5.5')		6/23/2022				X				C		1		X X X																	
CS-423 (5.5')		6/23/2022				X				C		1		X X X																	
CS-424 (5.5')		6/23/2022				X				C		1		X X X																	
CS-425 (5.5')		6/23/2022				X				C		1		X X X																	
CS-426 (5.5')		6/23/2022				X				C		1		X X X																	
CS-427 (5.5')		6/23/2022				X				C		1		X X X																	
CS-428 (5.5')		6/23/2022				X				C		1		X X X																	
CS-429 (5.5')		6/23/2022				X				C		1		X X X																	

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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		6-28-22				6-28-22	
		6-28-22				6/29/22 T:10	

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Received by OCD: 10/26/2022 2:20:28 PM

Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RRR ☐ Superfund ☐
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	TRR ☐ Level IV ☐
Deliverables: EDD	☐ ADaPT	Other:	

Received by OCD: 10/26/2022 2:20:28 PM

Page 1772 of 1973

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:51:53PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206225
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:14	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

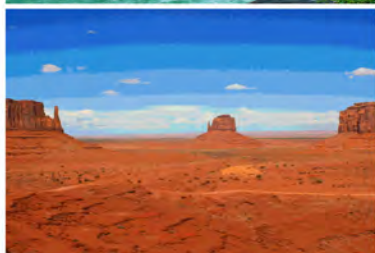
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206226

Job Number: 22010-0001

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/5/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/5/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206226
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/05/22 16:08
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-11	E206226-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-12	E206226-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-13	E206226-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-14	E206226-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-15	E206226-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-16	E206226-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-17	E206226-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-18	E206226-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-19	E206226-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-20	E206226-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-21	E206226-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-22	E206226-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-23	E206226-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-24	E206226-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-25	E206226-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-26	E206226-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-27	E206226-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-28	E206226-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-29	E206226-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-30	E206226-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-11

E206226-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227116	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	84.8 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227126	
Chloride	70.9	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-12

E206226-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.7 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.6 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	83.9 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	101	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-13

E206226-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.6 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	88.6 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	67.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-14

E206226-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	91.8 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	26.0	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-15

E206226-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	91.1 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	47.5	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-16

E206226-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	85.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	67.8	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-17

E206226-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.7 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	90.9 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	66.7	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-18

E206226-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	88.3 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	286	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-19

E206226-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.0 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.9 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	89.5 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	171	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-20

E206226-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	89.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	149	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-21

E206226-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.2 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	87.7 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	162	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-22

E206226-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.9 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.2 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	91.8 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	161	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-23

E206226-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.4 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.9 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	157	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-24

E206226-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.7 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227116	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	93.4 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227126	
Chloride	21.3	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-25

E206226-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	79.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.6 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	22.9	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-26

E206226-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.0 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.6 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	93.5 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	102	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-27

E206226-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	79.0 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2227102	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.4 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2227116	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	95.1 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2227126	
Chloride	122	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-28

E206226-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.3 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.4 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	91.9 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	50.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-29

E206226-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.2 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.9 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	89.0 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	51.7	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/5/2022 4:08:38PM

SW-30

E206226-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227102
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.5 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227116
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
<i>Surrogate: n-Nonane</i>						
	89.6 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227126
Chloride	ND	20.0	1	06/30/22	07/02/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 4:08:38PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227102-BLK1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.57		8.00		82.1	70-130			

LCS (2227102-BS1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	5.78	0.0250	5.00		116	70-130			
Ethylbenzene	5.52	0.0250	5.00		110	70-130			
Toluene	6.03	0.0250	5.00		121	70-130			
o-Xylene	5.40	0.0250	5.00		108	70-130			
p,m-Xylene	11.2	0.0500	10.0		112	70-130			
Total Xylenes	16.6	0.0250	15.0		111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.65		8.00		83.1	70-130			

LCS Dup (2227102-BSD1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	5.94	0.0250	5.00		119	70-130	2.68	20	
Ethylbenzene	5.68	0.0250	5.00		114	70-130	2.73	20	
Toluene	6.15	0.0250	5.00		123	70-130	1.94	20	
o-Xylene	5.55	0.0250	5.00		111	70-130	2.72	20	
p,m-Xylene	11.5	0.0500	10.0		115	70-130	2.49	20	
Total Xylenes	17.0	0.0250	15.0		113	70-130	2.56	20	
Surrogate: 4-Bromochlorobenzene-PID	6.69		8.00		83.6	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/5/2022 4:08:38PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2227102-BLK1)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.41		8.00		80.1	70-130			

LCS (2227102-BS2)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	39.3	20.0	50.0		78.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.41		8.00		80.1	70-130			

LCS Dup (2227102-BSD2)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	42.0	20.0	50.0		83.9	70-130	6.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.40		8.00		80.1	70-130			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 4:08:38PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227116-BLK1)

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.8		50.0		95.7	50-200			

LCS (2227116-BS1)

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	463	25.0	500		92.7	38-132			
Surrogate: n-Nonane	50.9		50.0		102	50-200			

Matrix Spike (2227116-MS1)

Source: E206226-15 Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	476	25.0	500	ND	95.2	38-132			
Surrogate: n-Nonane	51.7		50.0		103	50-200			

Matrix Spike Dup (2227116-MSD1)

Source: E206226-15 Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	473	25.0	500	ND	94.6	38-132	0.603	20	
Surrogate: n-Nonane	50.4		50.0		101	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/5/2022 4:08:38PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227126-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227126-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	248	20.0	250		99.1	90-110			
LCS Dup (2227126-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	249	20.0	250		99.6	90-110	0.454	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/05/22 16:08

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E20102210
Job # 22010-0001Page 41 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ Fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRF ☐ L ☐ I ☐ IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush														None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS												Cool: Cool MeOH: Me			
Sampler's Name:		CM																HCL: HC HNO ₃ : HN			
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No												H ₃ PO ₄ : HP	
Received Intact:		☒ Yes ☐ No		Thermometer ID:														NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4												Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:														NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
SW-11		6/23/2022		X		C	1	X	X	X											
SW-12		6/23/2022		X		C	1	X	X	X											
SW-13		6/23/2022		X		C	1	X	X	X											
SW-14		6/23/2022		X		C	1	X	X	X											
SW-15		6/23/2022		X		C	1	X	X	X											
SW-16		6/23/2022		X		C	1	X	X	X											
SW-17		6/23/2022		X		C	1	X	X	X											
SW-18		6/23/2022		X		C	1	X	X	X											
SW-19		6/23/2022		X		C	1	X	X	X											
SW-20		6/23/2022		X		C	1	X	X	X											

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Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		6-28-22			6-28-22
Pgs		4-28-22			6/29/22 T-10

6/29/22 CE

Chain of Custody

Work Order No: E204226
Job # 22010-0001

Page 42 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around		ANALYSIS REQUEST												Preservative Codes									
Project Number:		1080		☐ Routine ☒ Rush														None: NO DI Water: H ₂ O									
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																HCL: HC HNO ₃ : HN									
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes No		Thermometer ID:														NaHSO ₄ : NABIS									
Cooler Custody Seals:		Yes No N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃									
Sample Custody Seals:		Yes No N/A		Temperature Reading:														Zn Acetate+NaOH: Zn									
Total Containers:				Corrected Temperature:														NaOH+Ascorbic Acid: SAPC									
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-21		6/23/2022				X				C		1		X X X													
SW-22		6/23/2022				X				C		1		X X X													
SW-23		6/23/2022				X				C		1		X X X													
SW-24		6/23/2022				X				C		1		X X X													
SW-25		6/23/2022				X				C		1		X X X													
SW-26		6/23/2022				X				C		1		X X X													
SW-27		6/23/2022				X				C		1		X X X													
SW-28		6/23/2022				X				C		1		X X X													
SW-29		6/23/2022				X				C		1		X X X													
SW-30		6/23/2022				X				C		1		X X X													

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	
<u>Nike</u>				6-28-22		<u>Paula Chute</u>				6-28-22	
<u>Paula</u>				6-28-22						6/29/22 7:10	

Released to Imaging: 7/22/2026 1:33:18 PM

Received by OCD: 10/26/2022 2:20:28 PM

Envirotech Analytical Laboratory

Printed: 6/29/2022 2:58:10PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206226
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:14	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

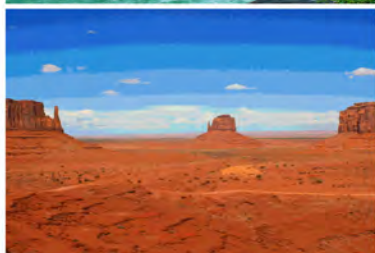
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206227

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206227
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 18:18
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-31	E206227-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-32	E206227-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-33	E206227-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-34	E206227-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-35	E206227-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-36	E206227-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-37	E206227-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-38	E206227-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-39	E206227-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-40	E206227-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-41	E206227-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-42	E206227-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-43	E206227-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-44	E206227-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-45	E206227-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-46	E206227-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-47	E206227-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-48	E206227-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-49	E206227-19A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-50	E206227-20A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 6:18:53PM
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SW-31

E206227-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	113 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	304	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-32

E206227-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	95.0 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	95.0 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	122 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	400	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-33

E206227-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	93.8 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	106 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	26.1	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-34

E206227-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	113 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	32.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-35

E206227-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	93.2 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	93.2 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	112 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	28.0	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-36

E206227-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/03/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/03/22	
Toluene	ND	0.0250	1	06/30/22	07/03/22	
o-Xylene	ND	0.0250	1	06/30/22	07/03/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/03/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	95.2 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/03/22	
Surrogate: Bromofluorobenzene	95.2 %	70-130		06/30/22	07/03/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/03/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/30/22	07/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	112 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	66.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-37

E206227-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.6 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	111 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	75.9	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-38

E206227-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	103 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	28.1	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-39

E206227-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.7 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.7 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.8 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	90.4 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	27.4	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-40

E206227-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.6 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	92.1 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	355	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-41

E206227-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	90.0 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	20.6	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-42

E206227-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	91.4 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	82.8	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-43

E206227-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	91.8 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	91.8 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	88.4 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	120	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-44

E206227-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	92.4 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	199	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-45

E206227-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.0 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.0 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	89.5 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	ND	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-46

E206227-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	90.9 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	173	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-47

E206227-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.1 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.7 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.1 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.7 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	89.4 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	218	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-48

E206227-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	84.1 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	122	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-49

E206227-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	92.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	91.9 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	ND	20.0	1	06/30/22	07/02/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 6:18:53PM

SW-50

E206227-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.3 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/05/22	
Surrogate: n-Nonane	91.5 %	50-200		06/30/22	07/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227127
Chloride	27.2	20.0	1	06/30/22	07/02/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 6:18:53PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227103-BLK1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.470		0.500		93.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.6	70-130			

LCS (2227103-BS1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	2.53	0.0250	2.50		101	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.55	0.0250	2.50		102	70-130			
o-Xylene	2.69	0.0250	2.50		108	70-130			
p,m-Xylene	5.23	0.0500	5.00		105	70-130			
Total Xylenes	7.93	0.0250	7.50		106	70-130			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

LCS Dup (2227103-BSD1)

Prepared: 06/30/22 Analyzed: 07/03/22

Benzene	2.59	0.0250	2.50		104	70-130	2.58	23	
Ethylbenzene	2.69	0.0250	2.50		108	70-130	4.16	27	
Toluene	2.65	0.0250	2.50		106	70-130	3.96	24	
o-Xylene	2.80	0.0250	2.50		112	70-130	3.72	27	
p,m-Xylene	5.48	0.0500	5.00		109	70-130	4.52	27	
Total Xylenes	8.27	0.0250	7.50		110	70-130	4.25	27	
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.5	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 6:18:53PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227103-BLK1)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.470		0.500		93.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.6	70-130			

LCS (2227103-BS2)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

LCS Dup (2227103-BSD2)

Prepared: 06/30/22 Analyzed: 07/03/22

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.7	70-130	0.953	20	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 6:18:53PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227117-BLK1)

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	55.6		50.0		111	50-200			

LCS (2227117-BS1)

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	551	25.0	500		110	38-132			
Surrogate: <i>n</i> -Nonane	59.9		50.0		120	50-200			

Matrix Spike (2227117-MS1)

Source: E206227-19

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	517	25.0	500	ND	103	38-132			
Surrogate: <i>n</i> -Nonane	53.6		50.0		107	50-200			

Matrix Spike Dup (2227117-MSD1)

Source: E206227-19

Prepared: 06/30/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	559	25.0	500	ND	112	38-132	7.74	20	
Surrogate: <i>n</i> -Nonane	55.4		50.0		111	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 6:18:53PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227127-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227127-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	254	20.0	250		101	90-110			
LCS Dup (2227127-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	258	20.0	250		103	90-110	1.63	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 18:18

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RR ☐ Superfund ☐
State of Project:			
Reporting: Level II	☐ Level III	☐ PST/UST	TRR ☐ Level IV ☐
Deliverables: EDD	☐ ADaPT	Other:	

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Chain of Custody

Work Order No: E200227
 Job # 22010-0001

Page 44 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Sup ☐ Fund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRF ☐ L ☐ BI IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-41		6/23/2022				X				C		1		X X X													
SW-42		6/23/2022				X				C		1		X X X													
SW-43		6/23/2022				X				C		1		X X X													
SW-44		6/23/2022				X				C		1		X X X													
SW-45		6/23/2022				X				C		1		X X X													
SW-46		6/23/2022				X				C		1		X X X													
SW-47		6/23/2022				X				C		1		X X X													
SW-48		6/23/2022				X				C		1		X X X													
SW-49		6/23/2022				X				C		1		X X X													
SW-50		6/23/2022				X				C		1		X X X													

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	
				6-28-22						6-28-22	
				6-28-22						6-28-22 7:10	

Envirotech Analytical Laboratory

Printed: 6/29/2022 3:02:00PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206227
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:15	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC.

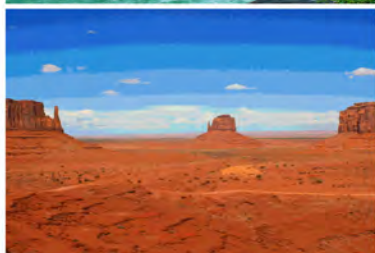
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: XTO-PLU 423 South Frac Pond

Work Order: E206228

Job Number: 22010-0001

Received: 6/29/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/6/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: XTO-PLU 423 South Frac Pond
Workorder: E206228
Date Received: 6/29/2022 7:10:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 7:10:00AM, under the Project Name: XTO-PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: XTO-PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Rayny Hagan
Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/06/22 17:07
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-51	E206228-01A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-52	E206228-02A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-53	E206228-03A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-54	E206228-04A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-55	E206228-05A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-56	E206228-06A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-57	E206228-07A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-58	E206228-08A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-59	E206228-09A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-61	E206228-10A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-62	E206228-11A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-63	E206228-12A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-64	E206228-13A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-65	E206228-14A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-66	E206228-15A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-67	E206228-16A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-68	E206228-17A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.
SW-69	E206228-18A	Soil	06/23/22	06/29/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 5:07:01PM
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SW-51

E206228-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.4 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.9 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	116 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	103	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-52

E206228-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.8 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	121 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	316	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-53

E206228-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	93.9 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	136 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	287	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-54

E206228-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	114 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	25.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-55

E206228-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	116 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	37.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-56

E206228-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.0 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.2 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	114 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	42.9	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-57

E206228-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.3 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	41.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-58

E206228-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	94.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	113 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	36.8	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-59

E206228-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	95.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	118 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	33.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-61

E206228-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/06/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/06/22	
Toluene	ND	0.0250	1	06/30/22	07/06/22	
o-Xylene	ND	0.0250	1	06/30/22	07/06/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/06/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	94.0 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	117 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	32.2	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-62

E206228-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/06/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/06/22	
Toluene	ND	0.0250	1	06/30/22	07/06/22	
o-Xylene	ND	0.0250	1	06/30/22	07/06/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/06/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	95.9 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	125 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	34.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-63

E206228-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/06/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/06/22	
Toluene	ND	0.0250	1	06/30/22	07/06/22	
o-Xylene	ND	0.0250	1	06/30/22	07/06/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/06/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	93.2 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	93.2 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	120 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	38.4	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-64

E206228-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/06/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/06/22	
Toluene	ND	0.0250	1	06/30/22	07/06/22	
o-Xylene	ND	0.0250	1	06/30/22	07/06/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/06/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	93.3 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/06/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		06/30/22	07/06/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/30/22	07/06/22	
Surrogate: Toluene-d8	93.3 %	70-130		06/30/22	07/06/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	116 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	34.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-65

E206228-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.5 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.5 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	124 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	32.3	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-66

E206228-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	90.7 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	91.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	90.7 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	91.4 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	127 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	ND	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-67

E206228-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.6 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.0 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.6 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.0 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	117 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	33.5	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-68

E206228-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.4 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.5 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.4 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.5 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	121 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	34.7	20.0	1	06/30/22	07/01/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: XTO-PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/6/2022 5:07:01PM

SW-69

E206228-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Benzene	ND	0.0250	1	06/30/22	07/04/22	
Ethylbenzene	ND	0.0250	1	06/30/22	07/04/22	
Toluene	ND	0.0250	1	06/30/22	07/04/22	
o-Xylene	ND	0.0250	1	06/30/22	07/04/22	
p,m-Xylene	ND	0.0500	1	06/30/22	07/04/22	
Total Xylenes	ND	0.0250	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2227104
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/22	07/04/22	
Surrogate: Bromofluorobenzene	92.5 %	70-130		06/30/22	07/04/22	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		06/30/22	07/04/22	
Surrogate: Toluene-d8	93.1 %	70-130		06/30/22	07/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2227118
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/22	07/02/22	
Surrogate: n-Nonane	122 %	50-200		06/30/22	07/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2227128
Chloride	33.7	20.0	1	06/30/22	07/01/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 5:07:01PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227104-BLK1)

Prepared: 06/30/22 Analyzed: 07/04/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.461		0.500		92.2	70-130			

LCS (2227104-BS1)

Prepared: 06/30/22 Analyzed: 07/04/22

Benzene	2.61	0.0250	2.50		105	70-130			
Ethylbenzene	2.64	0.0250	2.50		106	70-130			
Toluene	2.58	0.0250	2.50		103	70-130			
o-Xylene	2.77	0.0250	2.50		111	70-130			
p,m-Xylene	5.36	0.0500	5.00		107	70-130			
Total Xylenes	8.12	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS Dup (2227104-BSD1)

Prepared: 06/30/22 Analyzed: 07/04/22

Benzene	2.63	0.0250	2.50		105	70-130	0.515	23	
Ethylbenzene	2.69	0.0250	2.50		108	70-130	1.73	27	
Toluene	2.63	0.0250	2.50		105	70-130	2.11	24	
o-Xylene	2.80	0.0250	2.50		112	70-130	1.33	27	
p,m-Xylene	5.47	0.0500	5.00		109	70-130	2.07	27	
Total Xylenes	8.27	0.0250	7.50		110	70-130	1.82	27	
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 5:07:01PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227104-BLK1)

Prepared: 06/30/22 Analyzed: 07/04/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.461		0.500		92.2	70-130			

LCS (2227104-BS2)

Prepared: 06/30/22 Analyzed: 07/04/22

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.8	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			

LCS Dup (2227104-BSD2)

Prepared: 06/30/22 Analyzed: 07/04/22

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.1	70-130	1.43	20	
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: XTO-PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/6/2022 5:07:01PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2227118-BLK1)

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	58.5		50.0		117	50-200			

LCS (2227118-BS1)

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	487	25.0	500		97.5	38-132			
Surrogate: <i>n</i> -Nonane	55.5		50.0		111	50-200			

Matrix Spike (2227118-MS1)

Source: E206228-02

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	526	25.0	500	ND	105	38-132			
Surrogate: <i>n</i> -Nonane	59.9		50.0		120	50-200			

Matrix Spike Dup (2227118-MSD1)

Source: E206228-02

Prepared: 06/30/22 Analyzed: 07/02/22

Diesel Range Organics (C10-C28)	486	25.0	500	ND	97.2	38-132	7.79	20	
Surrogate: <i>n</i> -Nonane	55.8		50.0		112	50-200			



QC Summary Data

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/6/2022 5:07:01PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2227128-BLK1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	ND	20.0							
LCS (2227128-BS1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2227128-BSD1)					Prepared: 06/30/22 Analyzed: 07/01/22				
Chloride	256	20.0	250		102	90-110	1.11	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	XTO-PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/06/22 17:07

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E206228
 Job # 22010-0001

Page 45 of 46

Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRR ☐ Le ☐ IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-51		6/23/2022				X				C		1		X X X													
SW-52		6/23/2022				X				C		1		X X X													
SW-53		6/23/2022				X				C		1		X X X													
SW-54		6/23/2022				X				C		1		X X X													
SW-55		6/23/2022				X				C		1		X X X													
SW-56		6/23/2022				X				C		1		X X X													
SW-57		6/23/2022				X				C		1		X X X													
SW-58		6/23/2022				X				C		1		X X X													
SW-59		6/23/2022				X				C		1		X X X													
SW-60		6/23/2022				X				C		1		X X X												Sample not recieved	

6/29/22 CC

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Mike C...</i>		6-28-22		<i>Heriberto Gayton</i>		6-28-22	
<i>...</i>		6-28-22		<i>...</i>		6/29/22 7:00	

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Work Order Comments				
Program:	UST/PST ☐	PRP ☐	rownfields	RRC ☐
State of Project:			uperfu	☐
Reporting:	Level II ☐	Level III ☐	PST/UST	TRRP ☐
			Level	☐
Deliverables:	EDD ☐	ADaPT ☐	Other:	

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Envirotech Analytical Laboratory

Printed: 6/29/2022 3:20:11PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	06/29/22 07:10	Work Order ID:	E206228
Phone:	(432) 813-6823	Date Logged In:	06/29/22 07:15	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	06/30/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project has been separated into multiple workorders due to amount of samples received. Workorders have 20 samples each report. Time sampled not provided on COC. Sample SW-60 was not received.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

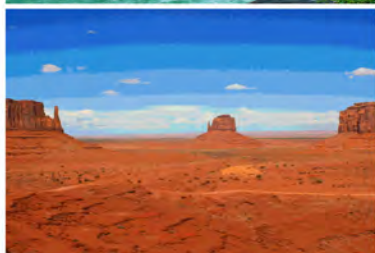
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: PLU 423 South Frac Pond

Work Order: E207160

Job Number: 22010-0001

Received: 7/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/26/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/26/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: PLU 423 South Frac Pond
Workorder: E207160
Date Received: 7/23/2022 11:30:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2022 11:30:00AM, under the Project Name: PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/26/22 15:33
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-71	E207160-01A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-72	E207160-02A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-73	E207160-03A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-74	E207160-04A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-75	E207160-05A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-76	E207160-06A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-77	E207160-07A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-78	E207160-08A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-79	E207160-09A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-80	E207160-10A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-81	E207160-11A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-82	E207160-12A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-83	E207160-13A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-84	E207160-14A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-85	E207160-15A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-86	E207160-16A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-87	E207160-17A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-88	E207160-18A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-89	E207160-19A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-90	E207160-20A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-71

E207160-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		115 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		112 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		87.9 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	72.3	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-72

E207160-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		117 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231006
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		95.2 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231004
Chloride	72.4	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-73

E207160-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		116 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		120 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		95.5 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	29.7	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-74

E207160-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		116 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		120 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		94.7 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	238	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-75

E207160-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		118 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		119 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		93.4 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	89.3	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-76

E207160-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	65.2	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-77

E207160-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	76.4 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-78

E207160-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	78.8 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	160	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-79

E207160-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231006
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	78.5 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231004
Chloride	62.9	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-80

E207160-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	80.8 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	202	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
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Project Name: PLU 423 South Frac Pond
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Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-81

E207160-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231006
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	72.7 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231004
Chloride	216	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-82

E207160-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	76.3 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	228	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
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Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-83

E207160-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	73.6 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	47.9	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
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Project Name: PLU 423 South Frac Pond
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Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-84

E207160-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231006
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	77.4 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231004
Chloride	237	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-85

E207160-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	77.2 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	38.8	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-86

E207160-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231006
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	78.5 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231004
Chloride	341	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
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Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-87

E207160-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	78.8 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	51.2	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-88

E207160-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230107
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231006
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	73.5 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231004
Chloride	209	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-89

E207160-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	78.0 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	152	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 3:33:48PM

SW-90

E207160-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2231006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	77.8 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231004	
Chloride	44.3	20.0	1	07/24/22	07/25/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 3:33:48PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230107-BLK1)

Prepared: 07/23/22 Analyzed: 07/25/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	9.04		8.00		113	70-130			

LCS (2230107-BS1)

Prepared: 07/23/22 Analyzed: 07/25/22

Benzene	4.41	0.0250	5.00		88.2	70-130			
Ethylbenzene	4.37	0.0250	5.00		87.3	70-130			
Toluene	4.45	0.0250	5.00		89.0	70-130			
o-Xylene	4.52	0.0250	5.00		90.4	70-130			
p,m-Xylene	8.91	0.0500	10.0		89.1	70-130			
Total Xylenes	13.4	0.0250	15.0		89.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.83		8.00		110	70-130			

LCS Dup (2230107-BSD1)

Prepared: 07/23/22 Analyzed: 07/25/22

Benzene	4.52	0.0250	5.00		90.3	70-130	2.41	20	
Ethylbenzene	4.47	0.0250	5.00		89.4	70-130	2.38	20	
Toluene	4.56	0.0250	5.00		91.2	70-130	2.41	20	
o-Xylene	4.63	0.0250	5.00		92.6	70-130	2.39	20	
p,m-Xylene	9.12	0.0500	10.0		91.2	70-130	2.34	20	
Total Xylenes	13.7	0.0250	15.0		91.6	70-130	2.36	20	
Surrogate: 4-Bromochlorobenzene-PID	8.80		8.00		110	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 3:33:48PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230107-BLK1)

Prepared: 07/23/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.75		8.00		109	70-130			

LCS (2230107-BS2)

Prepared: 07/23/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.94		8.00		112	70-130			

LCS Dup (2230107-BSD2)

Prepared: 07/23/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130	0.476	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.12		8.00		114	70-130			



QC Summary Data

Carmona Resources	Project Name:	PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/26/2022 3:33:48PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231006-BLK1)					Prepared: 07/25/22 Analyzed: 07/25/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.2		50.0		100	50-200			

LCS (2231006-BS1)					Prepared: 07/25/22 Analyzed: 07/25/22				
Diesel Range Organics (C10-C28)	244	25.0	250		97.5	38-132			
Surrogate: n-Nonane	53.4		50.0		107	50-200			

Matrix Spike (2231006-MS1)					Source: E207160-09		Prepared: 07/25/22 Analyzed: 07/26/22		
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	56.3		50.0		113	50-200			

Matrix Spike Dup (2231006-MSD1)					Source: E207160-09		Prepared: 07/25/22 Analyzed: 07/26/22		
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	0.817	20	
Surrogate: n-Nonane	59.6		50.0		119	50-200			



QC Summary Data

Carmona Resources	Project Name:	PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/26/2022 3:33:48PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231004-BLK1)					Prepared: 07/24/22 Analyzed: 07/25/22				
Chloride	ND	20.0							
LCS (2231004-BS1)					Prepared: 07/24/22 Analyzed: 07/25/22				
Chloride	243	20.0	250		97.3	90-110			
Matrix Spike (2231004-MS1)					Source: E207160-01		Prepared: 07/24/22 Analyzed: 07/25/22		
Chloride	301	20.0	250	72.3	91.5	80-120			
Matrix Spike Dup (2231004-MSD1)					Source: E207160-01		Prepared: 07/24/22 Analyzed: 07/25/22		
Chloride	293	20.0	250	72.3	88.5	80-120	2.53	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/26/22 15:33

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E2071600
 Job# 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgraytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me			
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN			
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP	
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	HOLD												Sample Comments			
SW-71		7/21/2022		X		C	1	X	X	X													
SW-72		7/21/2022		X		C	1	X	X	X													
SW-73		7/21/2022		X		C	1	X	X	X													
SW-74		7/21/2022		X		C	1	X	X	X													
SW-75		7/21/2022		X		C	1	X	X	X													
SW-76		7/21/2022		X		C	1	X	X	X													
SW-77		7/21/2022		X		C	1	X	X	X													
SW-78		7/21/2022		X		C	1	X	X	X													
SW-79		7/21/2022		X		C	1	X	X	X													
SW-80		7/21/2022		X		C	1	X	X	X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		7/22/22		<i>Heriberto Gayton</i>		7/22/22 11:30	
<i>Legueta</i>		7-22-22 4:10		<i>Chita</i>		7/23/22 11:30	

Chain of Custody

Work Order No: E2071160
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No				Thermometer ID:																NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A				Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A				Temperature Reading:																Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-81		7/21/2022				X				C		1		X X X													
SW-82		7/21/2022				X				C		1		X X X													
SW-83		7/21/2022				X				C		1		X X X													
SW-84		7/21/2022				X				C		1		X X X													
SW-85		7/21/2022				X				C		1		X X X													
SW-86		7/21/2022				X				C		1		X X X													
SW-87		7/21/2022				X				C		1		X X X													
SW-88		7/21/2022				X				C		1		X X X													
SW-89		7/21/2022				X				C		1		X X X													
SW-90		7/21/2022				X				C		1		X X X													

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	7/22/22	<i>Heriberto Gayton</i>	7-22-22

Envirotech Analytical Laboratory

Printed: 7/25/2022 1:12:54PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	07/23/22 11:30	Work Order ID:	E207160
Phone:	(432) 813-6823	Date Logged In:	07/22/22 16:46	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	07/25/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? No

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project was separated into 5 reports due to amount of samples. Workorders are as follows: E207157 COC pg 1&2 of 10, E207158 COC pg 3&4 of 10, E207159 COC pg 5&6 of 10, E207160 COC pg 7&8 of 10, E207161 COC pg 9&10 of 10. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

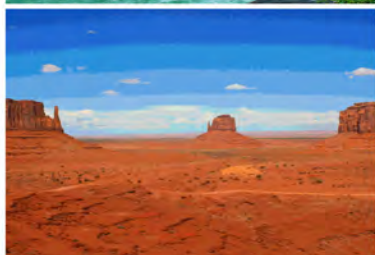
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: PLU 423 South Frac Pond

Work Order: E207161

Job Number: 22010-0001

Received: 7/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/26/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/26/22

Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701



Project Name: PLU 423 South Frac Pond
Workorder: E207161
Date Received: 7/23/2022 11:30:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2022 11:30:00AM, under the Project Name: PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/26/22 17:36
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-91	E207161-01A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-92	E207161-02A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-93	E207161-03A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-94	E207161-04A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-95	E207161-05A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-96	E207161-06A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-97	E207161-07A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-98	E207161-08A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-99	E207161-09A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-100	E207161-10A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-101	E207161-11A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-102	E207161-12A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 5:36:06PM
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SW-91

E207161-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene	100 %	70-130		07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		07/25/22	07/26/22	
Surrogate: Toluene-d8	106 %	70-130		07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene	100 %	70-130		07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		07/25/22	07/26/22	
Surrogate: Toluene-d8	106 %	70-130		07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	92.9 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	48.4	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-92

E207161-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		07/25/22	07/26/22	
Surrogate: Toluene-d8	105 %	70-130		07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		07/25/22	07/26/22	
Surrogate: Toluene-d8	105 %	70-130		07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	95.0 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	40.5	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-93

E207161-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		101 %	70-130	07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	07/25/22	07/25/22	
Surrogate: Toluene-d8		105 %	70-130	07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		101 %	70-130	07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	07/25/22	07/25/22	
Surrogate: Toluene-d8		105 %	70-130	07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		97.0 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	47.5	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-94

E207161-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	95.8 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	59.3	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-95

E207161-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/25/22	07/26/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/25/22	07/26/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	91.7 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	22.3	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-96

E207161-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene		103 %	70-130	07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/25/22	07/26/22	
Surrogate: Toluene-d8		105 %	70-130	07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene		103 %	70-130	07/25/22	07/26/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/25/22	07/26/22	
Surrogate: Toluene-d8		105 %	70-130	07/25/22	07/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		92.3 %	50-200	07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	ND	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-97

E207161-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	98.9 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	80.4	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-98

E207161-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	90.8 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	110 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	90.8 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	101 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	65.3	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-99

E207161-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	104 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	99.7 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	51.6	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-100

E207161-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	105 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	105 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	92.6 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	244	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-101

E207161-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	105 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	105 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	96.1 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	134	20.0	1	07/25/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 5:36:06PM

SW-102

E207161-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	85.4 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	92.0 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene	85.4 %	70-130		07/25/22	07/25/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		07/25/22	07/25/22	
Surrogate: Toluene-d8	92.0 %	70-130		07/25/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231007
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane	97.1 %	50-200		07/25/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231014
Chloride	ND	20.0	1	07/25/22	07/25/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 5:36:06PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231005-BLK1)

Prepared: 07/25/22 Analyzed: 07/25/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.432		0.500		86.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.470		0.500		94.0	70-130			

LCS (2231005-BS1)

Prepared: 07/25/22 Analyzed: 07/25/22

Benzene	2.64	0.0250	2.50		105	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.50	0.0250	2.50		99.8	70-130			
o-Xylene	2.74	0.0250	2.50		110	70-130			
p,m-Xylene	5.30	0.0500	5.00		106	70-130			
Total Xylenes	8.04	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.534		0.500		107	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.5	70-130			

LCS Dup (2231005-BSD1)

Prepared: 07/25/22 Analyzed: 07/25/22

Benzene	2.70	0.0250	2.50		108	70-130	2.42	23	
Ethylbenzene	2.66	0.0250	2.50		107	70-130	3.15	27	
Toluene	2.64	0.0250	2.50		106	70-130	5.70	24	
o-Xylene	2.77	0.0250	2.50		111	70-130	0.962	27	
p,m-Xylene	5.40	0.0500	5.00		108	70-130	1.86	27	
Total Xylenes	8.17	0.0250	7.50		109	70-130	1.55	27	
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.543		0.500		109	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 5:36:06PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231005-BLK1)

Prepared: 07/25/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.432		0.500		86.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.470		0.500		94.0	70-130			

LCS (2231005-BS2)

Prepared: 07/25/22 Analyzed: 07/26/22

Gasoline Range Organics (C6-C10)	40.3	20.0	50.0		80.7	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.443		0.500		88.6	70-130			

LCS Dup (2231005-BSD2)

Prepared: 07/25/22 Analyzed: 07/26/22

Gasoline Range Organics (C6-C10)	40.3	20.0	50.0		80.6	70-130	0.119	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 5:36:06PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231007-BLK1)

Prepared: 07/25/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.4		50.0		101	50-200			

LCS (2231007-BS1)

Prepared: 07/25/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	242	25.0	250		96.7	38-132			
Surrogate: <i>n</i> -Nonane	48.0		50.0		96.0	50-200			

Matrix Spike (2231007-MS1)

Source: E207161-09

Prepared: 07/25/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.7	38-132			
Surrogate: <i>n</i> -Nonane	48.8		50.0		97.5	50-200			

Matrix Spike Dup (2231007-MSD1)

Source: E207161-09

Prepared: 07/25/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.0	38-132	0.697	20	
Surrogate: <i>n</i> -Nonane	49.3		50.0		98.7	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 5:36:06PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231014-BLK1)

Prepared: 07/25/22 Analyzed: 07/25/22

Chloride ND 20.0

LCS (2231014-BS1)

Prepared: 07/25/22 Analyzed: 07/25/22

Chloride 255 20.0 250 102 90-110

Matrix Spike (2231014-MS1)

Source: E207161-01

Prepared: 07/25/22 Analyzed: 07/25/22

Chloride 311 20.0 250 48.4 105 80-120

Matrix Spike Dup (2231014-MSD1)

Source: E207161-01

Prepared: 07/25/22 Analyzed: 07/25/22

Chloride 301 20.0 250 48.4 101 80-120 3.10 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/26/22 17:36

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

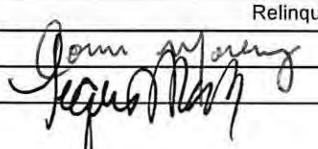
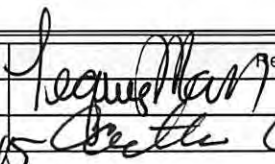
Work Order No: E2071161
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No				Thermometer ID:																NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A				Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A				Temperature Reading:																Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-91		7/21/2022				X				C		1		X X X													
SW-92		7/21/2022				X				C		1		X X X													
SW-93		7/21/2022				X				C		1		X X X													
SW-94		7/21/2022				X				C		1		X X X													
SW-95		7/21/2022				X				C		1		X X X													
SW-96		7/21/2022				X				C		1		X X X													
SW-97		7/21/2022				X				C		1		X X X													
SW-98		7/21/2022				X				C		1		X X X													
SW-99		7/21/2022				X				C		1		X X X													
SW-100		7/21/2022				X				C		1		X X X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		7/22/22				7-22-22	
		7-22-22 4:15		Beetle Chute		7/23/22 11:30	

Work Order No: E207161
Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	RRC ☐ Superfund ☐
State of Project:			
Reporting: Level II	☐ Level III	☐ ST/UST	TRRP ☐ Level ☐
Deliverables: EDD	☐	ADApt	☐ Other: ☐

[illegible]

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	7/22/22	<i>[Signature]</i>	7/22/22
<i>[Signature]</i>	7/23/22	<i>[Signature]</i>	7/23/22

Envirotech Analytical Laboratory

Printed: 7/25/2022 1:17:59PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	07/23/22 11:30	Work Order ID:	E207161
Phone:	(432) 813-6823	Date Logged In:	07/22/22 16:47	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	07/25/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project was separated into 5 reports due to amount of samples. Workorders are as follows: E207157 COC pg 1&2 of 10, E207158 COC pg 3&4 of 10, E207159 COC pg 5&6 of 10, E207160 COC pg 7&8 of 10, E207161 COC pg 9&10 of 10. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

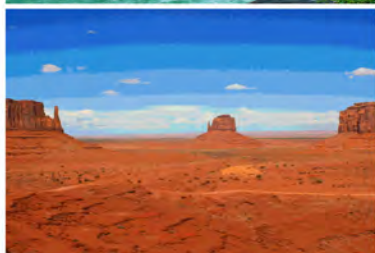
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: PLU 423 South Frac Pond

Work Order: E207159

Job Number: 22010-0001

Received: 7/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/26/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 7/26/22



Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: PLU 423 South Frac Pond
Workorder: E207159
Date Received: 7/23/2022 11:30:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2022 11:30:00AM, under the Project Name: PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 07/26/22 16:39
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-285 (4')	E207159-01A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-430 (2')	E207159-02A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-431 (2')	E207159-03A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-432 (2')	E207159-04A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-433 (2')	E207159-05A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-434 (2')	E207159-06A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-435 (2')	E207159-07A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-436 (2')	E207159-08A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-437 (2')	E207159-09A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-438 (2')	E207159-10A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-439 (2')	E207159-11A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-440 (2')	E207159-12A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-441 (2')	E207159-13A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-442 (0.3")	E207159-14A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-443 (4-4.5')	E207159-15A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-444 (4-4.5')	E207159-16A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-445 (4-4.5')	E207159-17A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-446 (3')	E207159-18A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
CS-447 (3')	E207159-19A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.
SW-70	E207159-20A	Soil	07/21/22	07/23/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-285 (4')

E207159-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
Surrogate: 4-Bromochlorobenzene-PID	95.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.2 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
Surrogate: n-Nonane	96.1 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	48.9	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-430 (2')

E207159-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	440	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-431 (2')

E207159-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	49.4	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-432 (2')

E207159-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	134 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	27.8	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-433 (2')

E207159-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230110	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231003	
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-434 (2')

E207159-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-435 (2')

E207159-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	512	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-436 (2')

E207159-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.7 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.1 %	70-130	07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		115 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	134	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-437 (2')

E207159-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	64.7	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-438 (2')

E207159-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Benzene	ND	0.0250	1	07/23/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/25/22	
Toluene	ND	0.0250	1	07/23/22	07/25/22	
o-Xylene	ND	0.0250	1	07/23/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.7 %	70-130		07/23/22	07/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230110	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231003	
Chloride	62.0	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-439 (2')

E207159-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		116 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		116 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		120 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-440 (2')

E207159-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		115 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		115 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	79.5	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-441 (2')

E207159-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		115 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-442 (0.3")

E207159-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		113 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		116 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	94.9	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-443 (4-4.5')

E207159-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		111 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		113 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	ND	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-444 (4-4.5')

E207159-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	118	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	58.8	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		68.8 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	56.8	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-445 (4-4.5')

E207159-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		83.7 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	42.4	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-446 (3')

E207159-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230110	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		83.5 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231003	
Chloride	57.1	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

CS-447 (3')

E207159-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2230106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		105 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2230110	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		81.3 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2231003	
Chloride	93.5	20.0	1	07/24/22	07/25/22	



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
7/26/2022 4:39:06PM

SW-70

E207159-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Benzene	ND	0.0250	1	07/23/22	07/24/22	
Ethylbenzene	ND	0.0250	1	07/23/22	07/24/22	
Toluene	ND	0.0250	1	07/23/22	07/24/22	
o-Xylene	ND	0.0250	1	07/23/22	07/24/22	
p,m-Xylene	ND	0.0500	1	07/23/22	07/24/22	
Total Xylenes	ND	0.0250	1	07/23/22	07/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230106
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/22	07/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		109 %	70-130	07/23/22	07/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230110
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/22	07/25/22	
<i>Surrogate: n-Nonane</i>						
		85.9 %	50-200	07/23/22	07/25/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231003
Chloride	ND	20.0	1	07/24/22	07/25/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:39:06PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230106-BLK1)

Prepared: 07/23/22 Analyzed: 07/24/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			

LCS (2230106-BS1)

Prepared: 07/23/22 Analyzed: 07/24/22

Benzene	4.70	0.0250	5.00		94.0	70-130			
Ethylbenzene	4.08	0.0250	5.00		81.6	70-130			
Toluene	4.42	0.0250	5.00		88.4	70-130			
o-Xylene	4.37	0.0250	5.00		87.4	70-130			
p,m-Xylene	8.45	0.0500	10.0		84.5	70-130			
Total Xylenes	12.8	0.0250	15.0		85.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			

LCS Dup (2230106-BSD1)

Prepared: 07/23/22 Analyzed: 07/25/22

Benzene	4.69	0.0250	5.00		93.7	70-130	0.267	20	
Ethylbenzene	4.08	0.0250	5.00		81.6	70-130	0.0772	20	
Toluene	4.42	0.0250	5.00		88.3	70-130	0.0928	20	
o-Xylene	4.37	0.0250	5.00		87.4	70-130	0.00113	20	
p,m-Xylene	8.45	0.0500	10.0		84.5	70-130	0.0432	20	
Total Xylenes	12.8	0.0250	15.0		85.5	70-130	0.0281	20	
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			



QC Summary Data

Carmona Resources	Project Name:	PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	7/26/2022 4:39:06PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230106-BLK1) Prepared: 07/23/22 Analyzed: 07/24/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			

LCS (2230106-BS2) Prepared: 07/23/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			

LCS Dup (2230106-BSD2) Prepared: 07/23/22 Analyzed: 07/25/22

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		87.9	70-130	3.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:39:06PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230110-BLK1)

Prepared: 07/23/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	58.4		50.0		117	50-200			

LCS (2230110-BS1)

Prepared: 07/23/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	286	25.0	250		115	38-132			
Surrogate: <i>n</i> -Nonane	60.2		50.0		120	50-200			

Matrix Spike (2230110-MS1)

Source: E207159-10

Prepared: 07/23/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132			
Surrogate: <i>n</i> -Nonane	63.1		50.0		126	50-200			

Matrix Spike Dup (2230110-MSD1)

Source: E207159-10

Prepared: 07/23/22 Analyzed: 07/25/22

Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	1.86	20	
Surrogate: <i>n</i> -Nonane	66.1		50.0		132	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 7/26/2022 4:39:06PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231003-BLK1)

Prepared: 07/24/22 Analyzed: 07/25/22

Chloride ND 20.0

LCS (2231003-BS1)

Prepared: 07/24/22 Analyzed: 07/26/22

Chloride 239 20.0 250 95.7 90-110

Matrix Spike (2231003-MS1)

Source: E207159-01

Prepared: 07/24/22 Analyzed: 07/26/22

Chloride 302 20.0 250 48.9 101 80-120

Matrix Spike Dup (2231003-MSD1)

Source: E207159-01

Prepared: 07/24/22 Analyzed: 07/26/22

Chloride 322 20.0 250 48.9 109 80-120 6.41 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	07/26/22 16:39

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: E207159
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes					
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O					
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me					
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN					
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No																	
Received Intact:		Yes No				Thermometer ID:																			
Cooler Custody Seals:		Yes No N/A				Correction Factor:																			
Sample Custody Seals:		Yes No N/A				Temperature Reading:																			
Total Containers:						Corrected Temperature:																			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments					
CS-285 (4')		7/21/2022		X		C	1	X	X	X															
CS-430 (2')		7/21/2022		X		C	1	X	X	X															
CS-431 (2')		7/21/2022		X		C	1	X	X	X															
CS-432 (2')		7/21/2022		X		C	1	X	X	X															
CS-433 (2')		7/21/2022		X		C	1	X	X	X															
CS-434 (2')		7/21/2022		X		C	1	X	X	X															
CS-435 (2')		7/21/2022		X		C	1	X	X	X															
CS-436 (2')		7/21/2022		X		C	1	X	X	X															
CS-437 (2')		7/21/2022		X		C	1	X	X	X															
CS-438 (2')		7/21/2022		X		C	1	X	X	X															

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		7/22/22		<i>Heriberto Gayton</i>		7/23/22 9:30	
<i>Heriberto Gayton</i>		7-22-22		<i>Conner Moehring</i>		7/23/22 11:30	

Chain of Custody

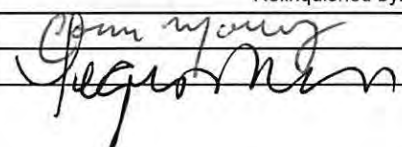
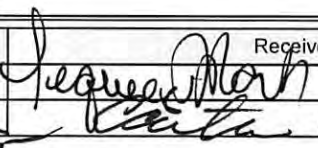
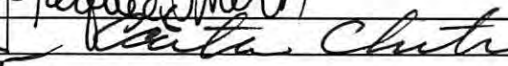
Work Order No: E207159
 Job # 22010-0001

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Project Manager:	Conner Moehring	Bill to: (if different)	Heriberto Gayton
Company Name:	Carmona Resources	Company Name:	Haz Mat Special Services
Address:	310 West Wall St. Suite 415	Address:	529 S. 16th Street
City, State ZIP:	Midland, TX 79701	City, State ZIP:	La Porte, Texas 77571
Phone:	432-813-6823	Email:	hgaytan@hazmatspecialservices.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		PLU 423 South Frac Pond		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		1080		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		24HRS														Cool: Cool MeOH: Me							
Sampler's Name:		CM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No				Thermometer ID:																NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No N/A				Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No N/A				Temperature Reading:																Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-439 (2')		7/21/2022				X				C		1		X X X													
CS-440 (2')		7/21/2022				X				C		1		X X X													
CS-441 (2')		7/21/2022				X				C		1		X X X													
CS-442 (0.3")		7/21/2022				X				C		1		X X X													
CS-443 (4-4.5')		7/21/2022				X				C		1		X X X													
CS-444 (4-4.5')		7/21/2022				X				C		1		X X X													
CS-445 (4-4.5')		7/21/2022				X				C		1		X X X													
CS-446 (3')		7/21/2022				X				C		1		X X X													
CS-447 (3')		7/21/2022				X				C		1		X X X													
SW-70		7/21/2022				X				C		1		X X X													

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		7/22/22				7-22-22 9:52	
		7-22-22				7/23/22 11:13	

Envirotech Analytical Laboratory

Printed: 7/25/2022 1:07:22PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	07/23/22 11:30	Work Order ID:	E207159
Phone:	(432) 813-6823	Date Logged In:	07/22/22 16:46	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	07/25/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Project was separated into 5 reports due to amount of samples. Workorders are as follows: E207157 COC pg 1&2 of 10, E207158 COC pg 3&4 of 10, E207159 COC pg 5&6 of 10, E207160 COC pg 7&8 of 10, E207161 COC pg 9&10 of 10. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

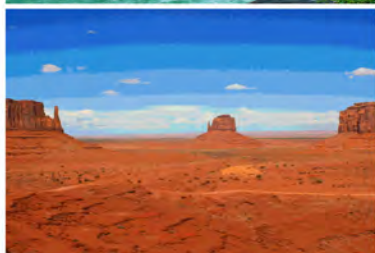
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Conner Moehring



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: PLU 423 South Frac Pond

Work Order: E208007

Job Number: 22010-0001

Received: 8/2/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/2/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 8/2/22

Conner Moehring
310 West Wall St. Suite 415
Midland, TX 79701



Project Name: PLU 423 South Frac Pond
Workorder: E208007
Date Received: 8/2/2022 10:00:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/2/2022 10:00:00AM, under the Project Name: PLU 423 South Frac Pond.

The analytical test results summarized in this report with the Project Name: PLU 423 South Frac Pond apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
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Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources	Project Name:	PLU 423 South Frac Pond	Reported:
310 West Wall St. Suite 415	Project Number:	22010-0001	
Midland TX, 79701	Project Manager:	Conner Moehring	08/02/22 17:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-444 (4.8')	E208007-01A	Soil	07/28/22	08/02/22	Glass Jar, 4 oz.



Sample Data

Carmona Resources
310 West Wall St. Suite 415
Midland TX, 79701

Project Name: PLU 423 South Frac Pond
Project Number: 22010-0001
Project Manager: Conner Moehring

Reported:
8/2/2022 5:40:05PM

CS-444 (4.8')

E208007-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2232017
Benzene	ND	0.0250	1	08/02/22	08/02/22	
Ethylbenzene	ND	0.0250	1	08/02/22	08/02/22	
Toluene	ND	0.0250	1	08/02/22	08/02/22	
o-Xylene	ND	0.0250	1	08/02/22	08/02/22	
p,m-Xylene	ND	0.0500	1	08/02/22	08/02/22	
Total Xylenes	ND	0.0250	1	08/02/22	08/02/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		08/02/22	08/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		08/02/22	08/02/22	
Surrogate: Toluene-d8	105 %	70-130		08/02/22	08/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2232017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/22	08/02/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		08/02/22	08/02/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		08/02/22	08/02/22	
Surrogate: Toluene-d8	105 %	70-130		08/02/22	08/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2232043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/22	08/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/22	08/02/22	
Surrogate: n-Nonane	97.6 %	50-200		08/02/22	08/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2232005
Chloride	ND	20.0	1	08/01/22	08/02/22	



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 8/2/2022 5:40:05PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2232017-BLK1)

Prepared: 08/01/22 Analyzed: 08/01/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

LCS (2232017-BS1)

Prepared: 08/01/22 Analyzed: 08/01/22

Benzene	2.48	0.0250	2.50		99.1	70-130			
Ethylbenzene	2.71	0.0250	2.50		108	70-130			
Toluene	2.60	0.0250	2.50		104	70-130			
o-Xylene	2.54	0.0250	2.50		101	70-130			
p,m-Xylene	5.03	0.0500	5.00		101	70-130			
Total Xylenes	7.57	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			

LCS Dup (2232017-BSD1)

Prepared: 08/01/22 Analyzed: 08/01/22

Benzene	2.58	0.0250	2.50		103	70-130	3.98	23	
Ethylbenzene	2.71	0.0250	2.50		108	70-130	0.0185	27	
Toluene	2.61	0.0250	2.50		104	70-130	0.269	24	
o-Xylene	2.53	0.0250	2.50		101	70-130	0.276	27	
p,m-Xylene	5.03	0.0500	5.00		101	70-130	0.00	27	
Total Xylenes	7.56	0.0250	7.50		101	70-130	0.0926	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 8/2/2022 5:40:05PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2232017-BLK1)

Prepared: 08/01/22 Analyzed: 08/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

LCS (2232017-BS2)

Prepared: 08/01/22 Analyzed: 08/01/22

Gasoline Range Organics (C6-C10)	56.3	20.0	50.0		113	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

LCS Dup (2232017-BSD2)

Prepared: 08/01/22 Analyzed: 08/01/22

Gasoline Range Organics (C6-C10)	59.1	20.0	50.0		118	70-130	4.84	20	
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 8/2/2022 5:40:05PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2232043-BLK1)

Prepared: 08/02/22 Analyzed: 08/02/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	57.4		50.0		115	50-200			

LCS (2232043-BS1)

Prepared: 08/02/22 Analyzed: 08/02/22

Diesel Range Organics (C10-C28)	246	25.0	250		98.6	38-132			
Surrogate: <i>n</i> -Nonane	58.2		50.0		116	50-200			

Matrix Spike (2232043-MS1)

Source: E208008-04

Prepared: 08/02/22 Analyzed: 08/02/22

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132			
Surrogate: <i>n</i> -Nonane	56.8		50.0		114	50-200			

Matrix Spike Dup (2232043-MSD1)

Source: E208008-04

Prepared: 08/02/22 Analyzed: 08/02/22

Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	3.96	20	
Surrogate: <i>n</i> -Nonane	57.2		50.0		114	50-200			



QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: PLU 423 South Frac Pond Project Number: 22010-0001 Project Manager: Conner Moehring	Reported: 8/2/2022 5:40:05PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2232005-BLK1)

Prepared: 08/01/22 Analyzed: 08/01/22

Chloride	ND	20.0							
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LCS (2232005-BS1)

Prepared: 08/01/22 Analyzed: 08/01/22

Chloride	247	20.0	250		98.8	90-110			
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Matrix Spike (2232005-MS1)

Source: E207189-01

Prepared: 08/01/22 Analyzed: 08/01/22

Chloride	23000	400	250	20500	1000	80-120			M4
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Matrix Spike Dup (2232005-MSD1)

Source: E207189-01

Prepared: 08/01/22 Analyzed: 08/01/22

Chloride	24500	400	250	20500	NR	80-120	6.29	20	M4
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QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	PLU 423 South Frac Pond	
310 West Wall St. Suite 415	Project Number:	22010-0001	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	08/02/22 17:40

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



[illegible]

Envirotech Analytical Laboratory

Printed: 8/2/2022 11:20:04AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	08/02/22 10:00	Work Order ID:	E208007
Phone:	(432) 813-6823	Date Logged In:	08/02/22 09:06	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresources.com	Due Date:	08/02/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/Resolution

Time sampled not provided on COC.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 154008

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 154008
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	Closure is pending until all excavated areas are backfilled with clean material to surface grade.	2/1/2023