



## SITE INFORMATION

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### Closure Report

**10" Main Line Seg 2**  
**Incident ID: nAPP2319235328**  
**Eddy County, New Mexico**  
**Unit D Sec 04 T18S R28E**  
**32.78356°, -104.18530°**

### Condensate Release

**Point of Release: 10" Poly Split Due to High Pressure**  
**Release Date: 07/06/23**  
**Volume Released: 9.26 Barrels of Condensate**  
**Volume Recovered: 0 Barrels of Condensate**

CARMONA RESOURCES



**Prepared for:**  
**Durango Midstream**  
**47 Conoco Rd.**  
**Maljamar, New Mexico 88264**

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



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November 13, 2023

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

**Re: Closure Report**  
**10" Main Line Seg 2**  
**Durango Midstream**  
**Site Location: Unit D S04 T18S, R28E**  
**(Lat 32.78356°, Long -104.18530°)**  
**Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Durango Midstream (Durango), Carmona Resources, LLC has prepared this letter to document site activities for the 10" Main Line Seg 2. The site is located at 32.78356°, -104.18530° within Unit D, S04, T18S, R28E, in Eddy County, New Mexico (Figures 1 and 2).

### **1.0 Site Information and Background**

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on July 6, 2023, caused by a 10" polyline splitting due to high pressure. The incident had two release points along the same line. It resulted in the release of approximately nine point two six (9.26) barrels of condensate, with zero (0) barrels of condensate recovered. The initial C-141 form is attached in 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, two known water sources are within a 0.50-mile radius of the location. The nearest identified well is approximately 0.35 miles northwest of the site in S32, T17S, R28E and was drilled in 2020. The well has a reported depth of groundwater at 55 feet below the ground surface (ft bgs). The second well will is approximately 0.36 miles south of the site in S01, T18S, R28E and was drilled in 1994. The well has a reported depth of groundwater at 107.65' below the ground surface. 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: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO+DRO).
- Chloride: 10,000 mg/kg.

### **4.0 Site Assessment Activities**

On July 27, 2023, Carmona Resources personnel were on site to perform site assessment activities to evaluate soil impacts stemming from the release. A total of thirteen (13) trenches (T-1 through T-13) and ten (10) horizontals were advanced to depths ranging from surface to 4' bgs within and surrounding the release area to



evaluate the vertical and horizontal extent of the contamination. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

### **5.0 Remediation Activities**

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on September 26, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of one hundred and fourteen (114) floor confirmation samples were collected (CS-1 through CS-114), and twenty-one (21) sidewall samples (SW-1 through SW-21) were collected every 200 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 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4-4D. All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride.

See Table 2 for the analytical results.

### **6.0 Reclamation Activities**

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The backfilled areas were seeded on October 24, 2023. The appropriate pounds of pure live seed per acre were used. The seeds were applied via hand broadcasting, with topsoil raked onto the seed to aid the vegetation process. (See attachments in Appendix F).

Approximately 1,640 cubic yards of material were excavated and transported offsite for proper disposal.

### **7.0 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 Durango Midstream, LLC formally requests the 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**

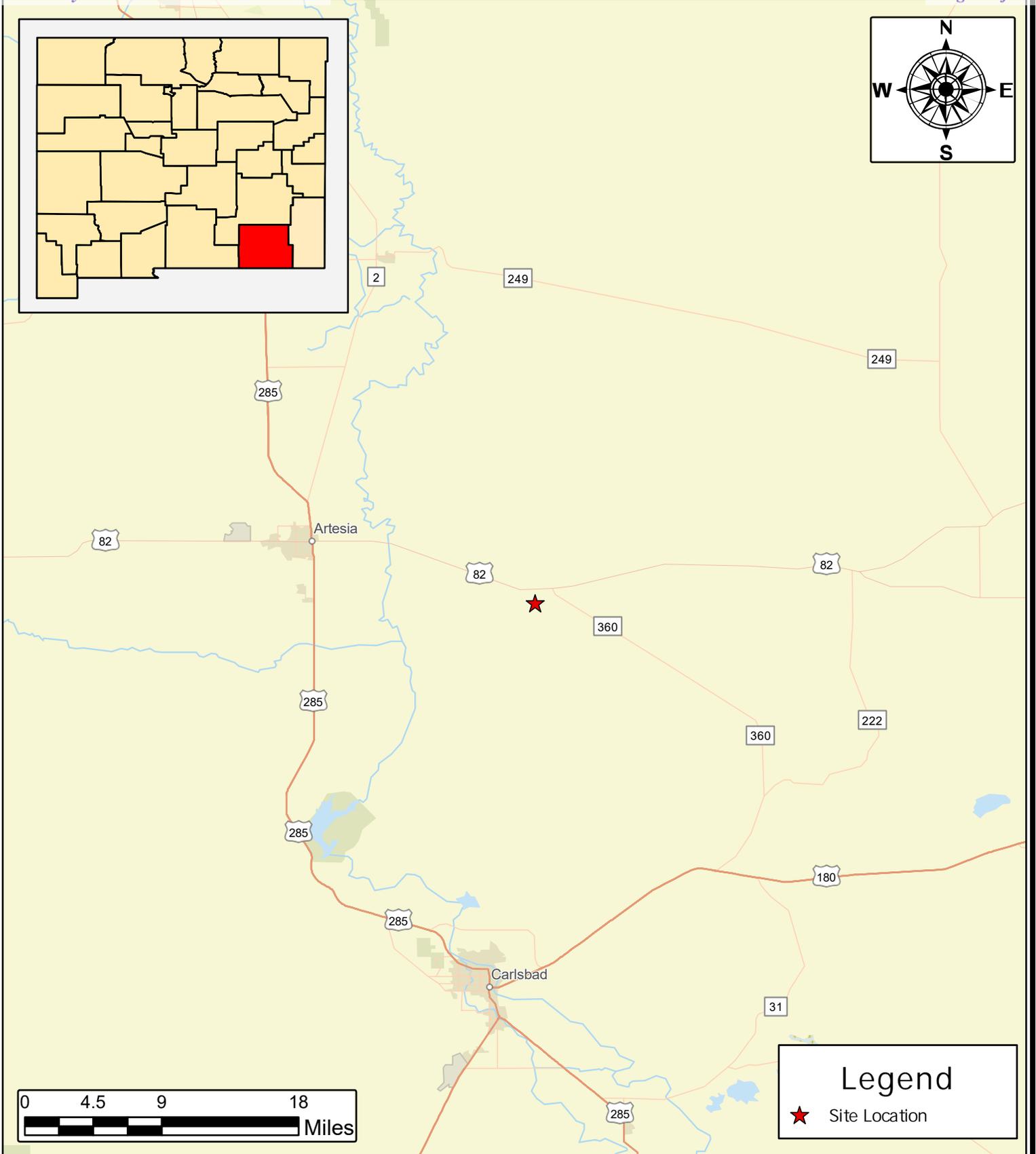
Conner Moehring  
Sr. Project Manager

Devin Dominguez  
Sr. Project Manager

# FIGURES

CARMONA RESOURCES





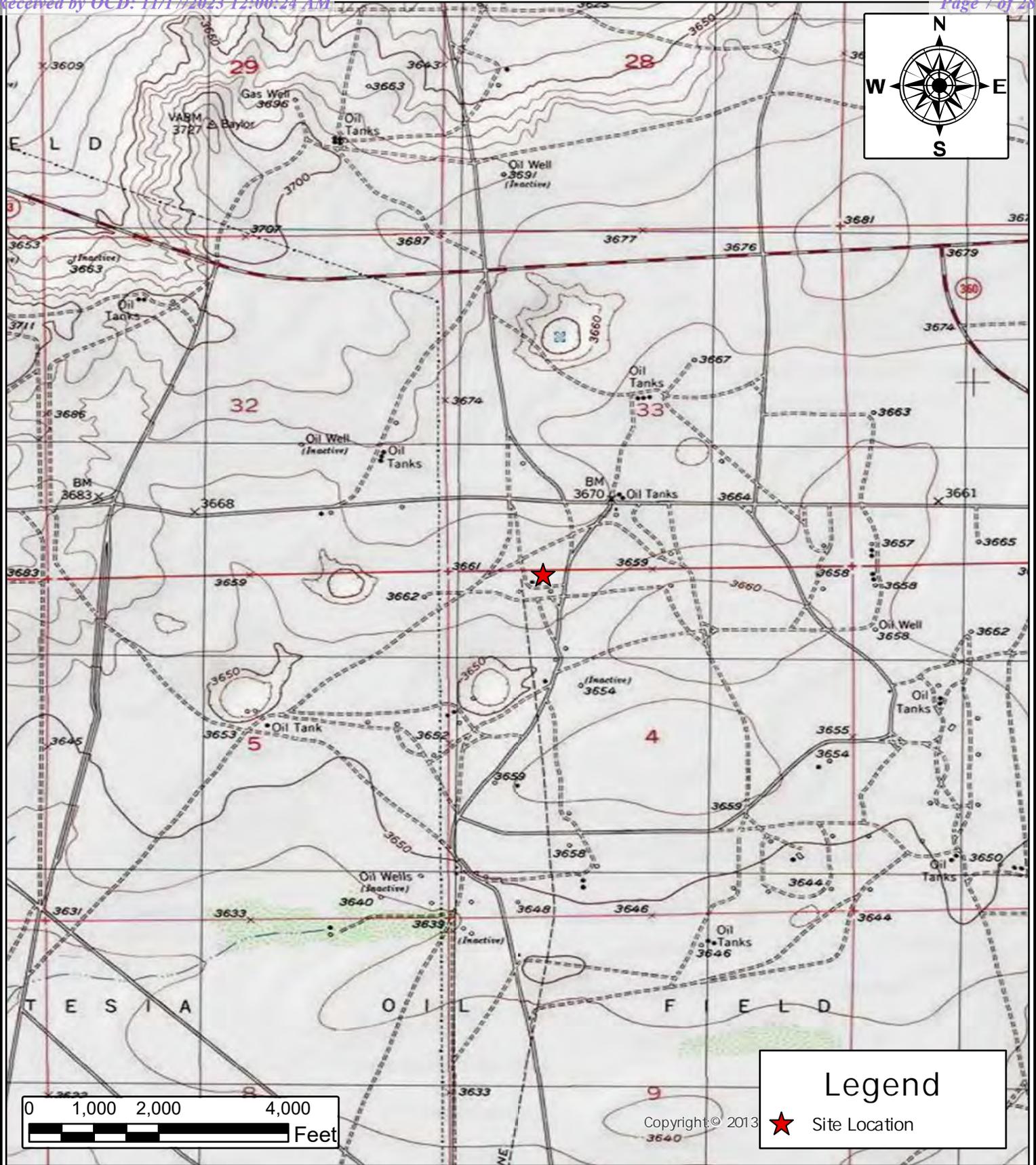
**OVERVIEW MAP**  
**DURANGO MIDSTREAM**  
 10" MAIN LINE SEG 2  
 EDDY COUNTY, NEW MEXICO  
 32.78356, -104.185300

  
**Carmona Resources**  
 310 West Wall Street, Suite 500  
 Midland, Texas 79701

**NOTES:**  
 1. Base Image: ESRI Maps & Data 2023  
 2. Map Projection: WGS84

DRAWING NUMBER:  
**FIGURE 1**  
 SHEET NUMBER:  
 1 of 1

SCALE: As Shown      Date: 7/27/2023



**TOPOGRAPHIC MAP**  
**DURANGO MIDSTREAM**  
 10" MAIN LINE SEG 2  
 EDDY COUNTY, NEW MEXICO  
 32.78356, -104.185300

SCALE: As Shown      Date: 7/27/2023

CARMONA RESOURCES 

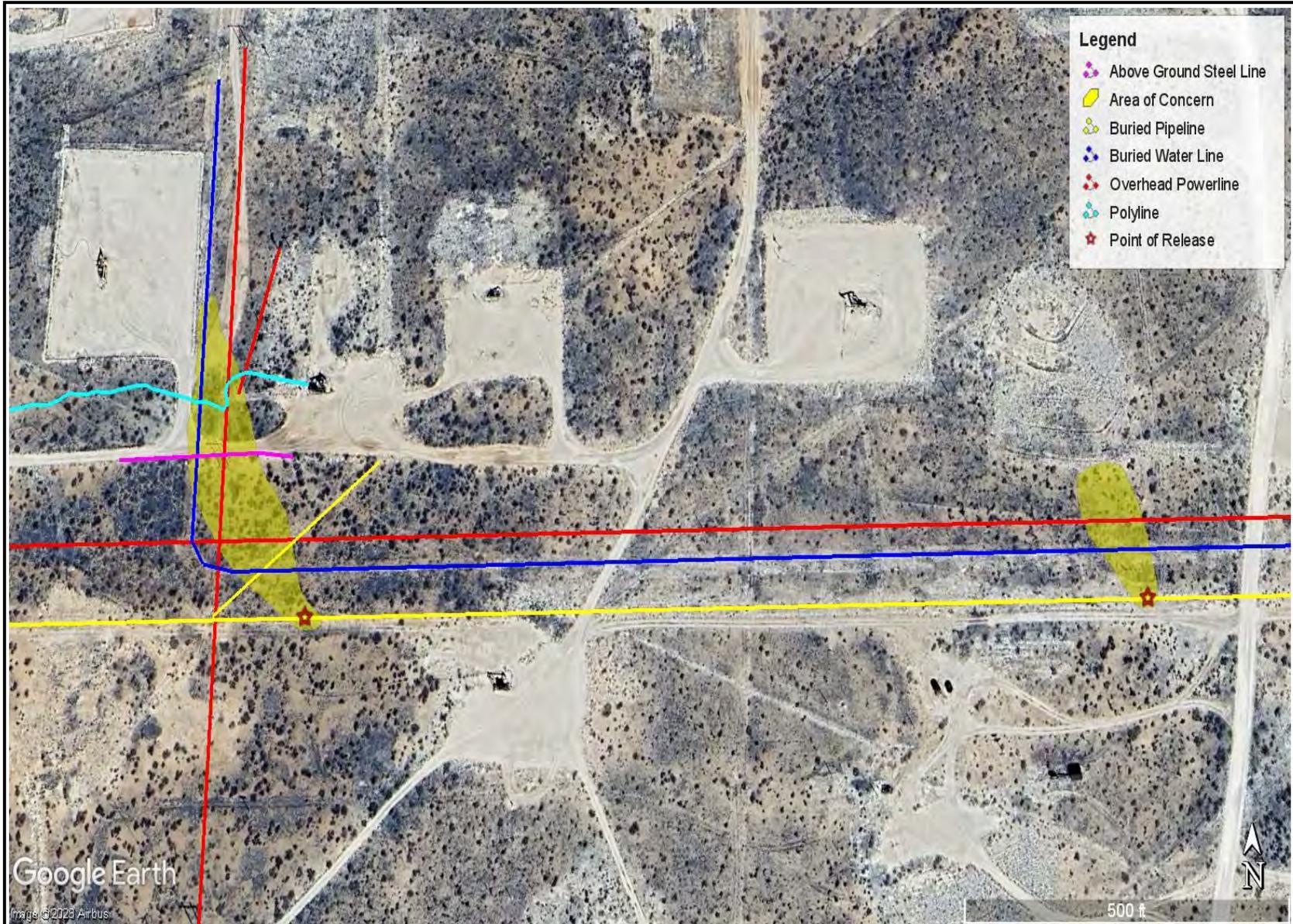
**Carmona Resources**  
 310 West Wall Street, Suite 500  
 Midland, Texas 79701

**NOTES:**

1. Base Image: ESRI Maps & Data 2023
2. Map Projection: WGS84

DRAWING NUMBER:  
**FIGURE 2**

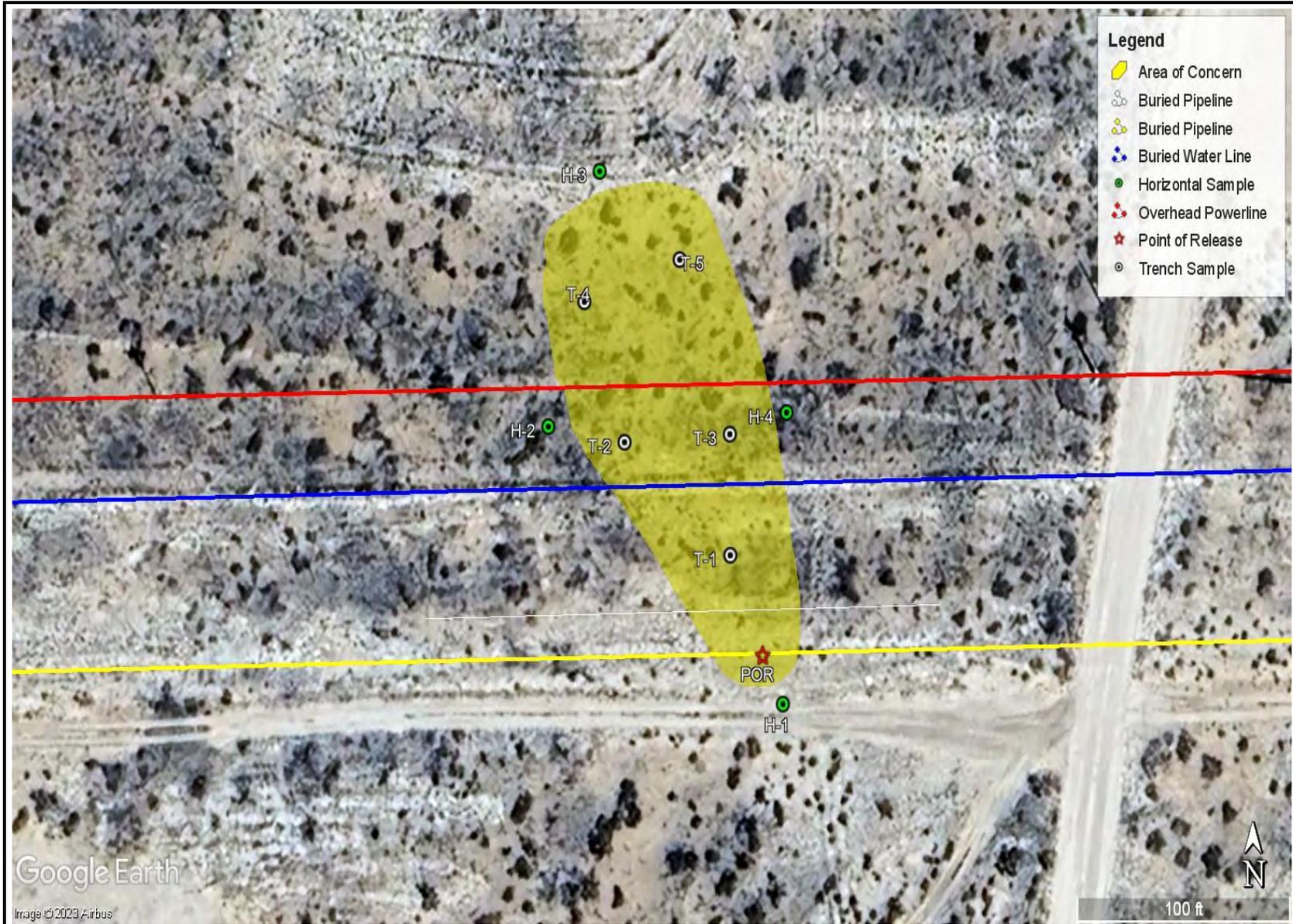
SHEET NUMBER:  
 1 of 1



SAMPLE LOCATION OVERVIEW MAP  
DURANGO MIDSTREAM, LLC  
10" MAIN LINE SEG 2  
EDDY COUNTY, NEW MEXICO  
32.78356°, -104.18530°



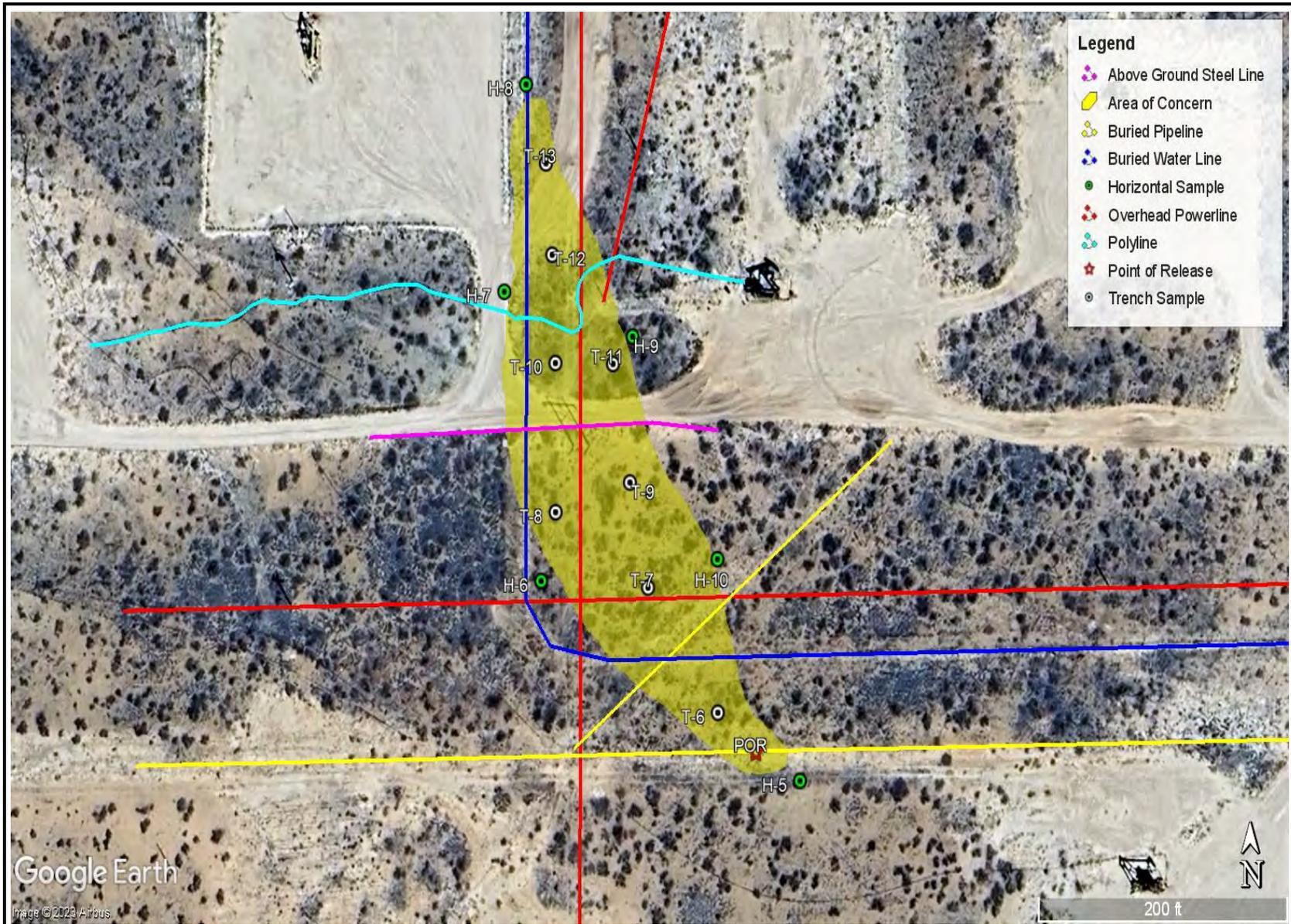
FIGURE 3



SAMPLE LOCATION MAP (EASTERN RELEASE)  
DURANGO MIDSTREAM, LLC  
10" MAIN LINE SEG 2  
EDDY COUNTY, NEW MEXICO  
32.78356°, -104.18530°



FIGURE 3A



SAMPLE LOCATION MAP (WESTERN RELEASE)  
DURANGO MIDSTREAM, LLC  
10" MAIN LINE SEG 2  
EDDY COUNTY, NEW MEXICO  
32.78356°, -104.18530°



FIGURE 3B



EXCAVATION DEPTH MAP (WESTERN RELEASE)  
DURANGO MIDSTREAM, LLC  
10" MAIN LINE SEG 2  
EDDY COUNTY, NEW MEXICO  
32.78356°, -104.18530°



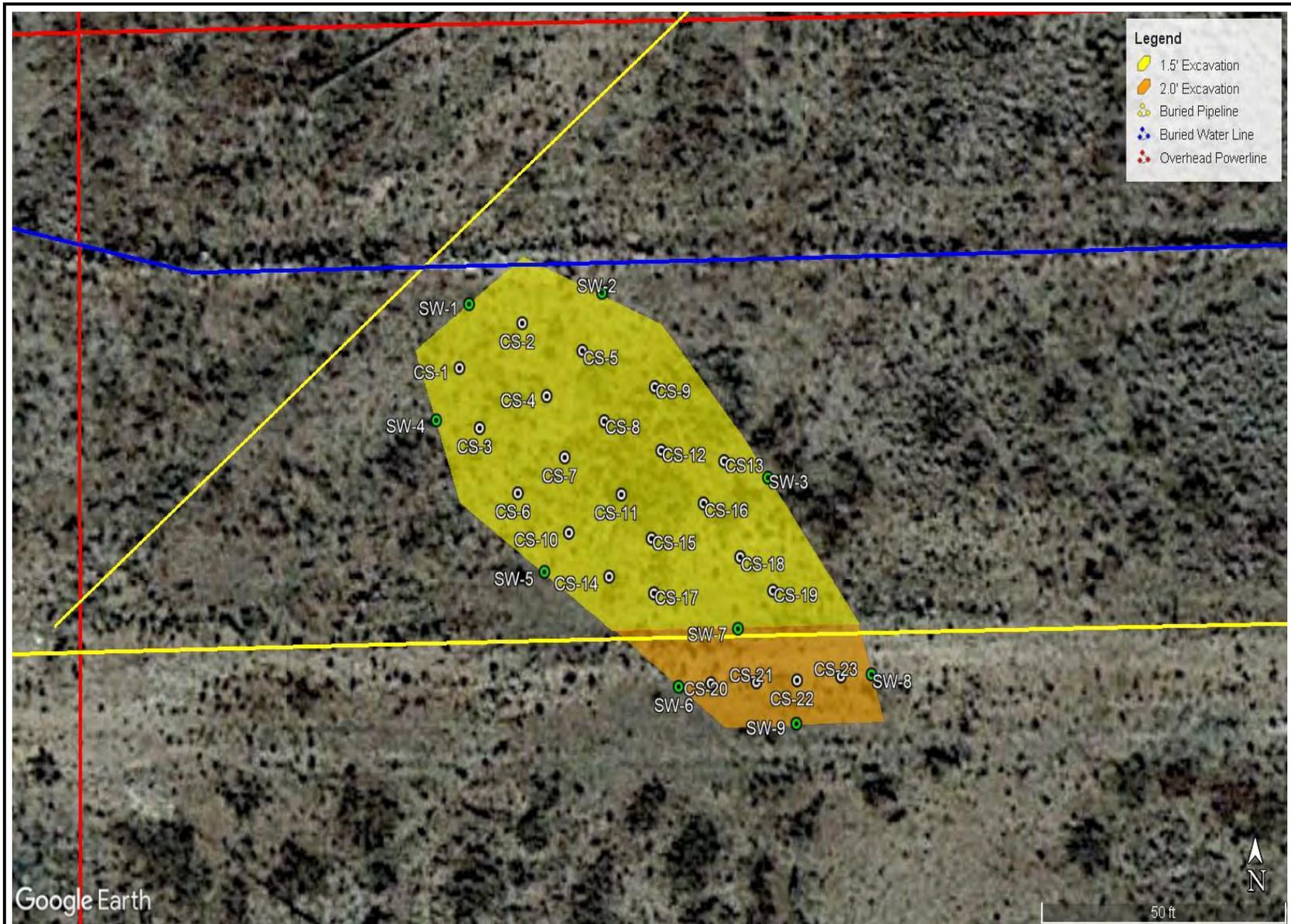
FIGURE 4



EXCAVATION DEPTH MAP (EASTERN RELEASE)  
DURANGO MIDSTREAM, LLC  
10" MAIN LINE SEG 2  
EDDY COUNTY, NEW MEXICO  
32.78356°, -104.18530°



FIGURE 4A



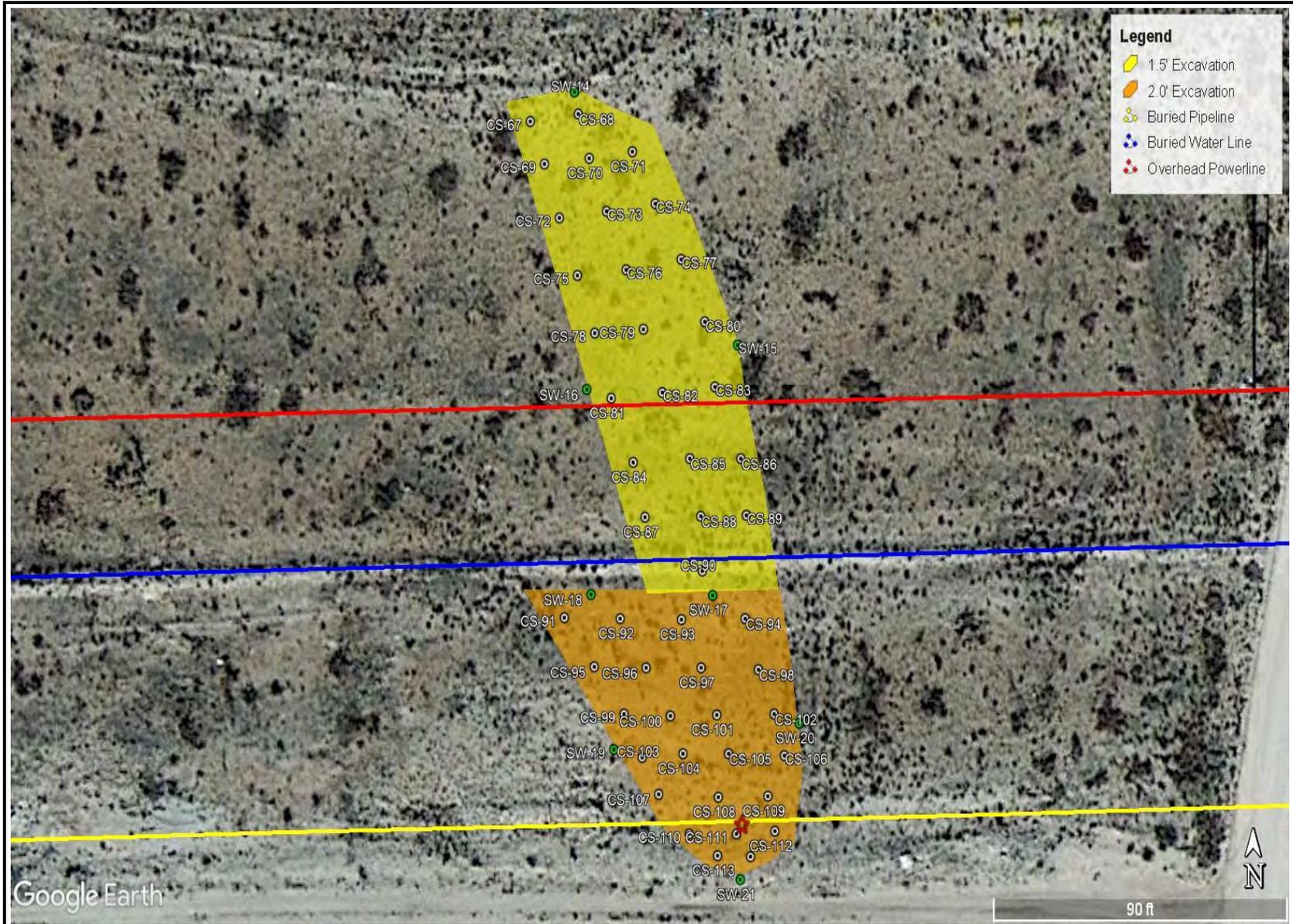
<p>EXCAVATION MAP DURANGO MIDSTREAM, LLC 10" MAIN LINE SEG 2 EDDY COUNTY, NEW MEXICO 32.78356°, -104.18530°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4B</p>
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EXCAVATION MAP  
DURANGO MIDSTREAM, LLC  
10" MAIN LINE SEG 2  
EDDY COUNTY, NEW MEXICO  
32.78356°, -104.18530°



FIGURE 4C



Google Earth

EXCAVATION MAP  
DURANGO MIDSTREAM, LLC  
10" MAIN LINE SEG 2  
EDDY COUNTY, NEW MEXICO  
32.78356°, -104.18530°



FIGURE 4D



RECLAMATION MAP  
DURANGO MIDSTREAM, LLC  
10" MAIN LINE SEG 2  
EDDY COUNTY, NEW MEXICO  
32.78356°, -104.18530°



FIGURE 5



RECLAMATION MAP  
DURANGO MIDSTREAM, LLC  
10" MAIN LINE SEG 2  
EDDY COUNTY, NEW MEXICO  
32.78356°, -104.18530°



FIGURE 5A

# APPENDIX A

CARMONA RESOURCES



**Table 1**  
**Durango Midstream**  
**10" Main Line Seg 2**  
**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						
T-1	7/27/2023	0-1	<50.0	4,310	1,490	5,800	<0.050	<0.050	<0.050	<0.150	<0.300	6,560
	"	1.5	<10.0	1,530	504	2,034	<0.050	<0.050	<0.050	<0.150	<0.300	4,880
	"	2.0	<10.0	57.3	25.7	83.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
T-2	7/27/2023	0-1	<10.0	41.8	15.7	57.5	<0.050	<0.050	<0.050	<0.150	<0.300	512
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
T-3	7/27/2023	0-1	<10.0	733	330	1,063	<0.050	<0.050	<0.050	<0.150	<0.300	432
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
T-4	7/27/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
T-5	7/27/2023	0-1	<10.0	75.1	35.2	110	<0.050	<0.050	<0.050	<0.150	<0.300	144
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
T-6	7/27/2023	0-1	<10.0	2,230	822	3,052	<0.050	<0.050	<0.050	<0.150	<0.300	1,960
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
T-7	7/27/2023	0-1	<10.0	49.9	12.9	62.8	<0.050	<0.050	<0.050	<0.150	<0.300	208
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>		<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>10,000 mg/kg</b>

(-) Not Analyzed

<sup>A</sup> - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Trench Sample

Removed

**Table 1  
Durango Midstream  
10" Main Line Seg 2  
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						
<b>T-8</b>	7/27/2023	0-1	<10.0	<b>138</b>	48.1	<b>186</b>	<0.050	<0.050	<0.050	<0.150	<0.300	160
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<b>T-9</b>	7/27/2023	0-1	<10.0	<b>402</b>	<b>181</b>	<b>583</b>	<0.050	<0.050	<0.050	<0.150	<0.300	352
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<b>T-10</b>	7/27/2023	0-1	<10.0	13.1	<10.0	13.1	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
<b>T-11</b>	7/27/2023	0-1	<10.0	39.9	20.0	59.9	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
<b>T-12</b>	7/27/2023	0-1	<10.0	13.4	<10.0	13.4	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
<b>T-13</b>	7/27/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>			<b>2,500 mg/kg</b>	<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>10,000 mg/kg</b>

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Trench Sample

Removed

**Table 1  
Durango Midstream  
10" Main Line Seg 2  
Eddy County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	7/27/2023	(0-0.5')	<10.0	24.9	16.5	41.4	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	7/27/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
H-3	7/27/2023	(0-0.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-4	7/27/2023	(0-0.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-5	7/27/2023	(0-0.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-6	7/27/2023	(0-0.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-7	7/27/2023	(0-0.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-8	7/27/2023	(0-0.5')	<10.0	11.0	<10.0	11.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-9	7/27/2023	(0-0.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-10	7/27/2023	(0-0.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<b>Regulatory Criteria<sup>A</sup></b>			1,000 mg/kg		2,500 mg/kg		10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

**Table 2  
Durango Midstream  
10" Main Line Seg 2  
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	9/29/2023	1.5	<10.0	20.7	<10.0	20.7	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-2	9/29/2023	1.5	<10.0	18.1	<10.0	18.1	<0.050	<0.050	<0.050	<0.150	<0.300	528
CS-3	9/29/2023	1.5	<10.0	15.5	<10.0	15.5	<0.050	<0.050	<0.050	<0.150	<0.300	432
CS-4	9/29/2023	1.5	<10.0	14.3	<10.0	14.3	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-5	9/29/2023	1.5	<10.0	15.1	<10.0	15.1	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-6	9/29/2023	1.5	<10.0	38.0	<10.0	38.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
CS-7	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-8	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-9	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-10	9/29/2023	1.5	<10.0	12.8	<10.0	12.8	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-11	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-12	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-13	9/29/2023	1.5	<10.0	21.0	<10.0	21.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-14	9/29/2023	1.5	<10.0	17.4	<10.0	17.4	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-15	9/29/2023	1.5	<10.0	19.5	<10.0	19.5	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-16	9/29/2023	1.5	<10.0	33.2	<10.0	33.2	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-17	9/29/2023	1.5	<10.0	26.7	<10.0	26.7	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-18	9/29/2023	1.5	<10.0	20.6	<10.0	20.6	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-19	9/29/2023	1.5	<10.0	18.5	<10.0	18.5	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-20	9/29/2023	2.0	<10.0	21.3	<10.0	21.3	<0.050	<0.050	<0.050	<0.150	<0.300	224
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>			<b>2,500 mg/kg</b>	<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>10,000 mg/kg</b>

(-) Not Analyzed  
<sup>A</sup> – Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH- Total Petroleum Hydrocarbons  
 ft-feet  
 (CS) Confirmation Sample

**Table 2  
Durango Midstream  
10" Main Line Seg 2  
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-21	9/29/2023	2.0	<10.0	13.0	<10.0	13.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-22	9/29/2023	2.0	<10.0	16.3	<10.0	16.3	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-23	9/29/2023	2.0	<10.0	21.8	<10.0	21.8	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-24	9/29/2023	1.5	<10.0	12.5	<10.0	12.5	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-25	9/29/2023	1.5	<10.0	12.6	<10.0	12.6	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-26	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-27	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-28	9/29/2023	1.5	<10.0	13.8	<10.0	13.8	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-29	9/29/2023	1.5	<10.0	20.0	<10.0	20.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-30	9/29/2023	1.5	<10.0	15.2	<10.0	15.2	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-31	9/29/2023	1.5	<10.0	21.3	<10.0	21.3	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-32	9/29/2023	1.5	<10.0	17.1	<10.0	17.1	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-33	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-34	9/29/2023	1.5	<10.0	26.7	<10.0	26.7	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-35	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-36	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-37	9/29/2023	1.5	<10.0	57.0	11.4	68.4	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-38	9/29/2023	1.5	<10.0	10.4	<10.0	10.4	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-39	9/29/2023	1.5	<10.0	15.1	<10.0	15.1	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-40	9/29/2023	1.5	<10.0	41.4	<10.0	41.4	<0.050	<0.050	<0.050	<0.150	<0.300	288
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>			<b>2,500 mg/kg</b>	<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>10,000 mg/kg</b>

(-) Not Analyzed  
<sup>A</sup> – Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH- Total Petroleum Hydrocarbons  
 ft-feet  
 (CS) Confirmation Sample

**Table 2  
Durango Midstream  
10" Main Line Seg 2  
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	9/29/2023	1.5	<10.0	20.3	<10.0	20.3	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-42	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-43	9/29/2023	1.5	<10.0	17.8	<10.0	17.8	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-44	9/29/2023	1.5	<10.0	12.3	<10.0	12.3	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-45	9/29/2023	1.5	<10.0	15.8	<10.0	15.8	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-46	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-47	9/29/2023	1.5	<10.0	15.7	<10.0	15.7	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-48	9/29/2023	1.5	<10.0	18.3	<10.0	18.3	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-49	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-50	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-51	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-52	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-53	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-54	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-55	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-56	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-57	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-58	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-59	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-60	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>		<b>10 mg/kg</b>				<b>50 mg/kg 10,000 mg/kg</b>	

(-) Not Analyzed  
<sup>A</sup> – Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH- Total Petroleum Hydrocarbons  
 ft-feet  
 (CS) Confirmation Sample

**Table 2  
Durango Midstream  
10" Main Line Seg 2  
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-61	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-62	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-63	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-64	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-65	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-66	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-67	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-68	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-69	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-70	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-71	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-72	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-73	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-74	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-75	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-76	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-77	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-78	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-79	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-80	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>		<b>10 mg/kg</b>				<b>50 mg/kg 10,000 mg/kg</b>	

(-) Not Analyzed  
<sup>A</sup> – Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH- Total Petroleum Hydrocarbons  
 ft-feet  
 (CS) Confirmation Sample

**Table 2  
Durango Midstream  
10" Main Line Seg 2  
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	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-82	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-83	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-84	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-85	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-86	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-87	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-88	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-89	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-90	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-91	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-92	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-93	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-94	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-95	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-96	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-97	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-98	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-99	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-100	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
<i>Regulatory Criteria<sup>A</sup></i>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed  
<sup>A</sup> - Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH- Total Petroleum Hydrocarbons  
 ft-feet  
 (CS) Confirmation Sample

**Table 2  
Durango Midstream  
10" Main Line Seg 2  
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						
CS-101	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-102	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-103	9/29/2023	2.0	<10.0	33.9	15.3	49.2	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-104	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-105	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-106	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-107	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-108	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-109	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-110	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-111	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-112	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-113	9/29/2023	2.0	<10.0	10.5	<10.0	10.5	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-114	9/29/2023	2.0	<10.0	10.8	<10.0	10.8	<0.050	<0.050	<0.050	<0.150	<0.300	112
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>		<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>10,000 mg/kg</b>

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

**Table 2**  
**Durango Midstream**  
**10" Main Line Seg 2**  
**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-1	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-2	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-3	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-4	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-5	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-6	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-7	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-8	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-9	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-10	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-11	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-12	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-13	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-14	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-15	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-16	9/29/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-17	9/29/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-18	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-19	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-20	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-21	9/29/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>		<b>10 mg/kg</b>				<b>50 mg/kg 10,000 mg/kg</b>	

(-) Not Analyzed

<sup>A</sup> - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall Sample

## APPENDIX B

CARMONA RESOURCES



# PHOTOGRAPHIC LOG

## Durango Midstream

### Photograph No. 1

**Facility:** 10" Main Line Seg 2

**County:** Eddy County, New Mexico

**Description:**  
View Southwest, area of CS-1 through CS-5.



### Photograph No. 2

**Facility:** 10" Main Line Seg 2

**County:** Eddy County, New Mexico

**Description:**  
View Southwest, area of CS-6 through CS-23.



### Photograph No. 3

**Facility:** 10" Main Line Seg 2

**County:** Eddy County, New Mexico

**Description:**  
View Southwest, area of CS-24 through CS-66.



# PHOTOGRAPHIC LOG

## Durango Midstream

### Photograph No. 4

**Facility:** 10" Main Line Seg 2

**County:** Eddy County, New Mexico

**Description:**  
View West, backfilled area of CS-67 through CS-114.



### Photograph No. 5

**Facility:** 10" Main Line Seg 2

**County:** Eddy County, New Mexico

**Description:**  
View North, reseeded area of CS-67 through CS-114.



### Photograph No. 6

**Facility:** 10" Main Line Seg 2

**County:** Eddy County, New Mexico

**Description:**  
View South of the backfill and reseeded excavation.



# PHOTOGRAPHIC LOG

## Durango Midstream

### Photograph No. 7

**Facility:** 10" Main Line Seg 2

**County:** Eddy County, New Mexico

**Description:**  
View East, of the backfilled and reseeded excavation.



### Photograph No. 8

**Facility:** 10" Main Line Seg 2

**County:** Eddy County, New Mexico

**Description:**  
View Southeast, of the backfilled and reseeded excavation.



### Photograph No. 9

**Facility:** 10" Main Line Seg 2

**County:** Eddy County, New Mexico

**Description:**  
View West, of the backfilled and reseeded excavation.



# PHOTOGRAPHIC LOG

## Durango Midstream

### Photograph No. 10

**Facility:** 10" Main Line Seg 2

**County:** Eddy County, New Mexico

**Description:**

View Southwest, of the backfilled and reseeded excavation.



### Photograph No. 11

**Facility:** 10" Main Line Seg 2

**County:** Eddy County, New Mexico

**Description:**

View East, of the backfilled and reseeded excavation.



### Photograph No. 12

**Facility:** 10" Main Line Seg 2

**County:** Eddy County, New Mexico

**Description:**

View West, of the backfilled and reseeded 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	nAPP2319235328
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	Frontier Field Services	OGRID	221115
Contact Name	Lupe Carrasco	Contact Telephone	575-725-0787
Contact email	gcarrasco@durangomidstream.com	Incident # (assigned by OCD)	nAPP2319235328
Contact mailing address	47 Conoco Rd. Maljamar, NM 88264		

### Location of Release Source

Latitude 4. Longitude -104.18530  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name	10" Main Line Seg 2	Site Type	Pipeline
Date Release Discovered	7/6/23	API# (if applicable)	

Unit Letter	Section	Township	Range	County
D	4	18S	28E	Eddy

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Condensate	Volume Released (bbls) 9.26	Volume Recovered (bbls) 0
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 4,831.2	Volume Recovered (Mcf) 0
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

A 10" poly inserted into steel casing split due to high pressure causing two release points.  
32.78356,-104.18530  
32.78345,-104.18934



Incident ID	
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

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

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

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

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: Lupe Carrasco Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: Shelly Wells Date: 11/17/2023

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

\*Original gas volume should be amended to 62.57 MCF (nAPP2319235328)

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: Lupe Carrasco Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: Shelly Wells Date: 11/17/2023

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: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Gas Release Volume Calculator		
Date:	7/6/2023	
Site or Line Name:	10" mainline Seg 2	
Area of Hole in Pipe:	6	square inches
Absolute Pressure:	100	psia - absolute pressure (psia = psig gauge pressure + 14.7)
Duration of Release:	360.00	minutes
Actual Temperature:	100	Degrees F
Representative Gas Analysis	Please attach or email a representative gas analysis	

Constants		
Temperature at standard conditions:	60	Deg. F
Pressure at standard conditions:	14.7	PSIA
Volume of Gas - Actual Conditions	4,831.20	MACF
Volume of Gas - Standard Conditions	30,516.40	MSCF

Notes
Entered by user
Calculated Value
Constant

Note:



Liquid Volume Release Report

Liquid Release Volume Calculator							
Date:	7/6/2023						
Site or Line Name:	10" mainline Seg 2						
Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15				0	0.00	Clay
Sandy Clay	0.12				0	0.00	Sandy Clay
Silt	0.16				0	0.00	Silt
Fine Sand	0.16				0	0.00	Fine Sand
Medium Sand	0.25				0	0.00	Medium Sand
Coarse Sand	0.26				0	0.00	Coarse Sand
Gravelly Sand	0.26				0	0.00	Gravelly Sand
Fine Gravel	0.26				0	0.00	Fine Gravel
Medium Gravel	0.20	130	50	0.02	130	4.63	Medium Gravel
Coarse Gravel	0.18				0	0.00	Coarse Gravel
Sandstone	0.25				0	0.00	Sandstone
Siltstone	0.18				0	0.00	Siltstone
Limestone	0.13				0	0.00	Limestone
Basalt	0.19				0	0.00	Basalt
Standing Liquids	X	0	0	0	0	0.00	Standing Liquids

Choose the one prevailing ground type for estimating spill volumes at a single location. Standing liquids are figured separately using the green cell.

Note that the depth should be measured in feet and tenths of feet (1 inch = .083)

Cubic Feet = L x W x D  
 Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)

**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 238418

**CONDITIONS**

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 238418
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
scwells	None	7/11/2023

---

**From:** Rodgers, Scott, EMNRD  
**Sent:** Tuesday, September 26, 2023 3:57 PM  
**To:** Conner Moehring; Hamlet, Robert, EMNRD; Bratcher, Michael, EMNRD  
**Cc:** Mike Carmona; Devin Dominguez; Clint Merritt; Guadalupe Carrasco  
**Subject:** RE: [EXTERNAL] Durango - 10" Main Line Seg 2 - Sampling Notification

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

**Scott Rodgers** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113  
505.469.1830 | [scott.rodgers@emnrd.nm.gov](mailto:scott.rodgers@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/oed>



---

**From:** Conner Moehring <[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)>  
**Sent:** Tuesday, September 26, 2023 3:15 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Mike Carmona <[Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com)>; Devin Dominguez <[Ddominguez@carmonaresources.com](mailto:Ddominguez@carmonaresources.com)>; Clint Merritt <[MerrittC@carmonaresources.com](mailto:MerrittC@carmonaresources.com)>; Guadalupe Carrasco <[gcarrasco@durangomidstream.com](mailto:gcarrasco@durangomidstream.com)>  
**Subject:** [EXTERNAL] Durango - 10" Main Line Seg 2 - Sampling Notification

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

Good Afternoon,

This email serves as a notification for confirmation sampling for the Durango – 10" Main Line Seg 2. Sampling is scheduled to begin on Thursday, September 28<sup>th</sup>, around 3:30 p.m. Mountain Time. Carmona Resources personnel will be on-site to collect the confirmation samples.

Incident No. nAPP2319235328

Please call if you have any questions.

Conner R. Moehring  
310 West Wall Street, Suite 500  
Midland Texas, 79701  
M: [432-813-6823](tel:432-813-6823)  
[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)



**Conner Moehring**

---

**From:** Guadalupe Carrasco <gcarrasco@durangomidstream.com>  
**Sent:** Wednesday, September 27, 2023 5:09 PM  
**To:** eco@slo.state.nm.us  
**Cc:** Hall, Brian; Sellers, Joshua E; Jonnes, Ryan; Harris, Jacqui; Conner Moehring  
**Subject:** Fwd: [EXTERNAL] Durango - 10" Main Line Seg 2 - Sampling Notification

I apologize for this email not being sent in the initial email. Please call with any questions.

Thanks!

*Lupe Carrasco*

**Sr. Environmental Specialist**

(575)725-0787

[gcarrasco@durangomidstream.com](mailto:gcarrasco@durangomidstream.com)

**Durango Midstream**

288 W. Kincaid Ranch Rd.

Artesia N.M. 88210

---

**From:** Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>  
**Sent:** Tuesday, September 26, 2023 3:57:46 PM  
**To:** Conner Moehring <Cmoehring@carmonaresources.com>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>  
**Cc:** Mike Carmona <Mcarmona@carmonaresources.com>; Devin Dominguez <Ddominguez@carmonaresources.com>; Clint Merritt <MerrittC@carmonaresources.com>; Guadalupe Carrasco <gcarrasco@durangomidstream.com>  
**Subject:** RE: [EXTERNAL] Durango - 10" Main Line Seg 2 - Sampling Notification

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

**Scott Rodgers** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113  
505.469.1830 | [scott.rodgers@emnrd.nm.gov](mailto:scott.rodgers@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/oed>



**From:** Conner Moehring <Cmoehring@carmonaresources.com>  
**Sent:** Tuesday, September 26, 2023 3:15 PM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrn.nm.gov>  
**Cc:** Mike Carmona <Mcarmona@carmonaresources.com>; Devin Dominguez <Ddominguez@carmonaresources.com>; Clint Merritt <MerrittC@carmonaresources.com>; Guadalupe Carrasco <gcarrasco@durangomidstream.com>  
**Subject:** [EXTERNAL] Durango - 10" Main Line Seg 2 - Sampling Notification

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Good Afternoon,

This email serves as a notification for confirmation sampling for the Durango – 10” Main Line Seg 2. Sampling is scheduled to begin on Thursday, September 28<sup>th</sup>, around 3:30 p.m. Mountain Time. Carmona Resources personnel will be on-site to collect the confirmation samples.

Incident No. nAPP2319235328

Please call if you have any questions.

Conner R. Moehring  
310 West Wall Street, Suite 500  
Midland Texas, 79701  
M: 432-813-6823  
[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)



## APPENDIX D

CARMONA RESOURCES

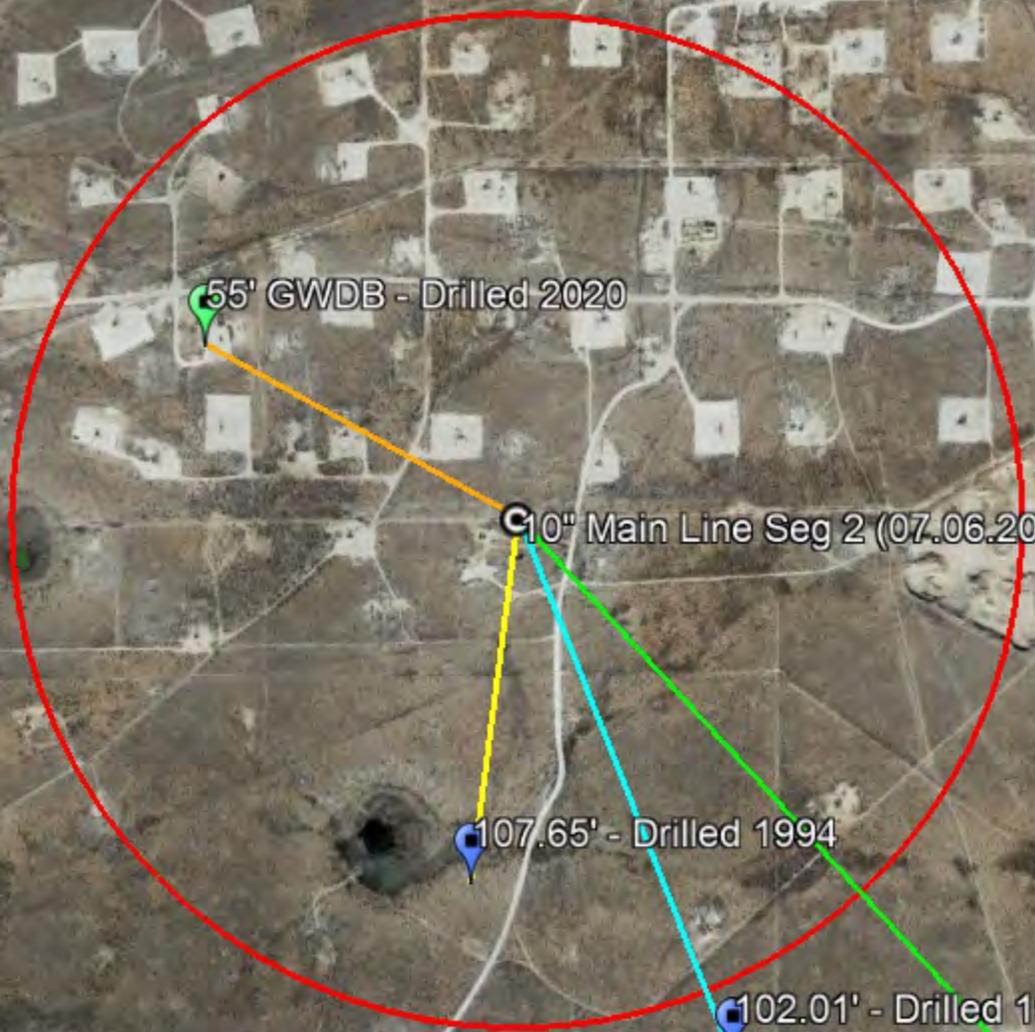


### Nearest water well

Durango Midstream

**Legend**

-  0.35 Miles
-  0.36 Miles
-  0.50 Mile Radius
-  0.57 Miles
-  1.36 Miles
-  10" Main Line Seg 2 (07.06.2023)
-  Groundwater Determination Bore
-  NMSEO Water Well
-  USGS Water Well



55' GWDB - Drilled 2020

10" Main Line Seg 2 (07.06.2023)

107.65' - Drilled 1994

102.01' - Drilled 1999

95' - Drilled 2012



# Low Karst

Durango Midstream

**Legend**

- 10" Main Line Seg 2 (07.06.2023)
- Low
- Medium

10" Main Line Seg 2 (07.06.2023)

3000 ft





# New Mexico Office of the State Engineer Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">RA 11857 POD1</a>	RA	ED	1	1	2	05	18S	26E	577784	3625988	2186	235	95	140	

Average Depth to Water: **95 feet**

Minimum Depth: **95 feet**

Maximum Depth: **95 feet**

**Record Count: 1**

**UTMNAD83 Radius Search (in meters):**

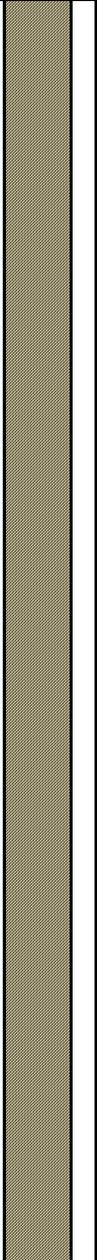
**Easting (X):** 576292

**Northing (Y):** 3627586

**Radius:** 4000

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.

<b>Logger:</b>	Lance Crenshaw	
<b>Driller:</b>	Ready Drill, LLC	
<b>Consultant:</b>	Etech Environmental	
<b>Drilling Method:</b>	Rotary	
<b>Start Date:</b>	December 21, 2020	
<b>End Date:</b>	December 21, 2020	
<b>Comments:</b>	Drilled 55' bore hole to determine no groundwater in area  Drafted by: Lance Crenshaw	<b>Project Name:</b> Kersey State Battery <b>Well ID:</b> NA  <b>Location:</b> <b>Lat:</b> 32.78601 <b>Long:</b> -104.19064 <b>County:</b> Eddy <b>State:</b> NM

Depth (feet)	chloride field tests	LAB	PID	Description	Lithology	Well Construction
	-	-	-			
5	-	-	-	Caliche, Sand Mix		
	-	-	-			
10	-	-	-	Rock, Caliche		
	-	-	-			
15	-	-	-	Clay		
	-	-	-			
20	-	-	-	Red Clay, Sand		
	-	-	-			
25	-	-	-	Red Clay, Sand		
	-	-	-			
30	-	-	-	Red Clay, Sand		
	-	-	-			
35	-	-	-	Red Clay		
	-	-	-			
40	-	-	-	Red Clay		
	-	-	-			
45	-	-	-	Red Clay		
	-	-	-			
50	-	-	-	Red Clay		
	-	-	-			
55	-	-	-	Red Clay		



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Data Category: Groundwater Geographic Area: New Mexico GO

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Search Results -- 1 sites found

Agency code = usgs  
site\_no list = 324642104111001

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

USGS 324642104111001 18S.28E.04.131444

Eddy County, New Mexico  
Latitude 32°46'42", Longitude 104°11'10" NAD27  
Land-surface elevation 3,640 feet above NGVD29  
The depth of the well is 145.00 feet below land surface.  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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
1985-06-04			D 62610		3530.61	NGVD29			S	
1985-06-04			D 62611		3532.18	NAVD88			S	
1985-06-04			D 72019	109.39					S	
1990-09-19			D 62610		3533.40	NGVD29			S	
1990-09-19			D 62611		3534.97	NAVD88			S	
1990-09-19			D 72019	106.60					S	
1994-03-09			D 62610		3532.35	NGVD29			S	
1994-03-09			D 62611		3533.92	NAVD88			S	
1994-03-09			D 72019	107.65					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		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
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?>**



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Page Last Modified: 2023-07-11 13:46:59 EDT

0.28 0.25 nadww02



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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 = 

- 324633104105401

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

**USGS 324633104105401 18S.28E.04.32412**

Eddy County, New Mexico  
Latitude 32°46'33", Longitude 104°10'54" NAD27  
Land-surface elevation 3,665 feet above NAVD88  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

**Output formats**

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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
1985-06-04			D 62610		3560.35	NGVD29	1	Z		
1985-06-04			D 62611		3561.92	NAVD88	1	Z		
1985-06-04			D 72019	103.08			1	Z		
1989-02-02			D 62610		3556.16	NGVD29	1	Z		
1989-02-02			D 62611		3557.73	NAVD88	1	Z		
1989-02-02			D 72019	107.27			1	Z		
1994-03-09			D 62610		3562.65	NGVD29	1	S		
1994-03-09			D 62611		3564.22	NAVD88	1	S		
1994-03-09			D 72019	100.78			1	S		
1999-01-13			D 62610		3561.42	NGVD29	1	S	USGS	
1999-01-13			D 62611		3562.99	NAVD88	1	S	USGS	
1999-01-13			D 72019	102.01			1	S	USGS	

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	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
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](#)

Page Last Modified: 2023-07-11 13:45:22 EDT

0.34 0.3 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)	
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
RA 11857	POD1	1	1	2	05	18S	26E	577784	3625988

<b>Driller License:</b> 1064	<b>Driller Company:</b> DELFORD W. MARTIN	
<b>Driller Name:</b> MARTIN, DELFORD		
<b>Drill Start Date:</b> 09/25/2012	<b>Drill Finish Date:</b> 10/01/2012	<b>Plug Date:</b>
<b>Log File Date:</b> 10/15/2012	<b>PCW Rev Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 95 GPM
<b>Casing Size:</b> 5.00	<b>Depth Well:</b> 235 feet	<b>Depth Water:</b> 95 feet

<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	95	130	Sandstone/Gravel/Conglomerate
	160	235	Sandstone/Gravel/Conglomerate

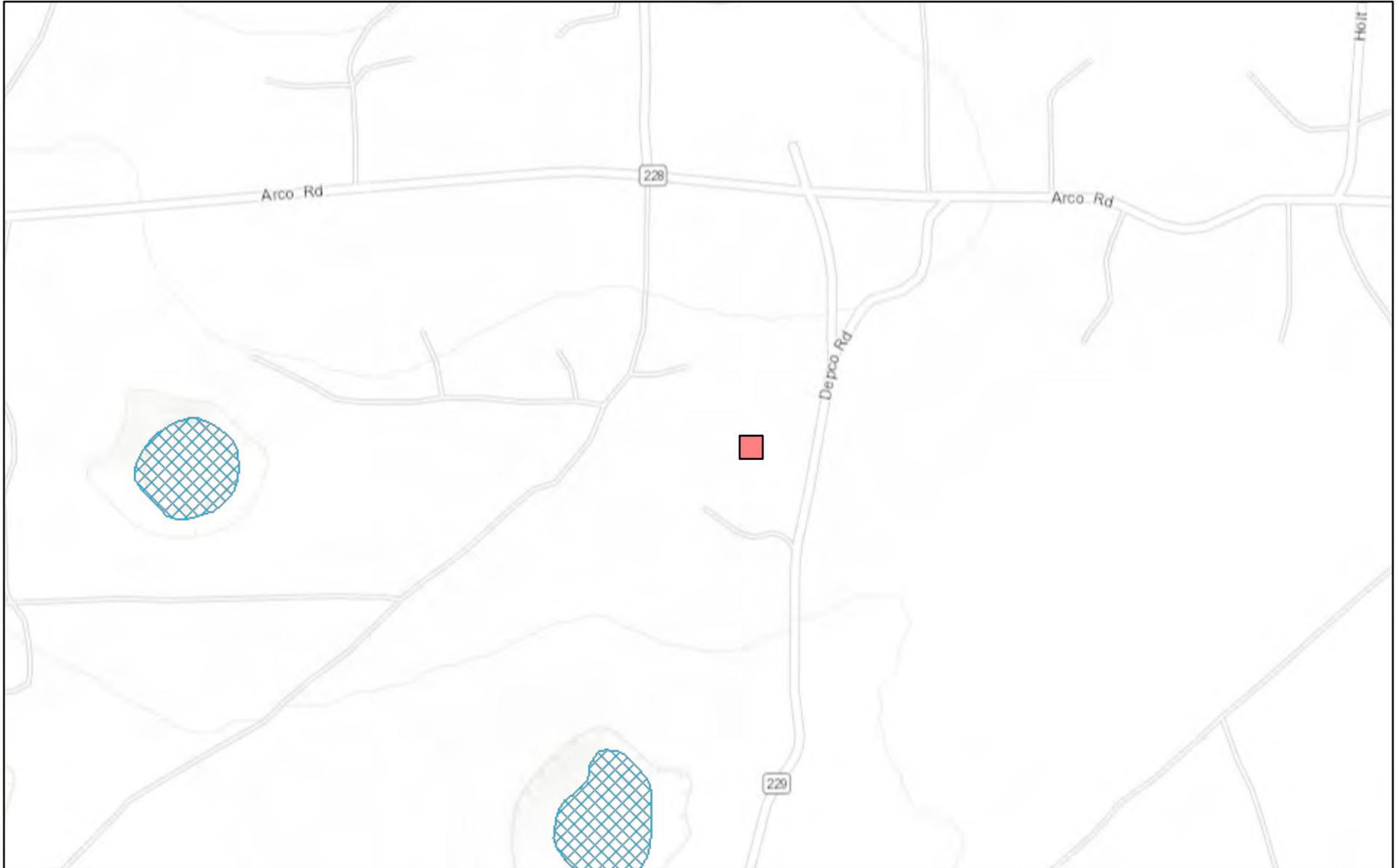
<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>	
	140	235	

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.

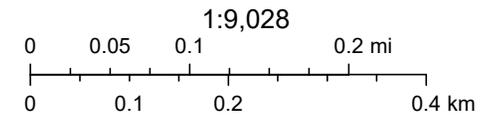
7/11/23 11:43 AM

POINT OF DIVERSION SUMMARY

# New Mexico NFHL Data



July 11, 2023



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

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## APPENDIX E

CARMONA RESOURCES





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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August 08, 2023

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: 10" MAIN LINE SEG 2

Enclosed are the results of analyses for samples received by the laboratory on 08/01/23 11:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 1 (0-1') (H234045-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.07	103	2.00	2.32	
Toluene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.92	96.1	2.00	1.65	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.60	93.4	6.00	0.847	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>6560</b>	16.0	08/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	08/04/2023	ND	168	83.9	200	0.898		
<b>DRO &gt;C10-C28*</b>	<b>4310</b>	50.0	08/04/2023	ND	180	89.8	200	1.18		
<b>EXT DRO &gt;C28-C36</b>	<b>1490</b>	50.0	08/04/2023	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 307 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 1 (1.5') (H234045-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4880</b>	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
<b>DRO &gt;C10-C28*</b>	<b>1530</b>	10.0	08/04/2023	ND	180	89.8	200	1.18	
<b>EXT DRO &gt;C28-C36</b>	<b>504</b>	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 1 (2') (H234045-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
<b>DRO &gt;C10-C28*</b>	<b>57.3</b>	10.0	08/04/2023	ND	180	89.8	200	1.18	
<b>EXT DRO &gt;C28-C36</b>	<b>25.7</b>	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 2 (0-1') (H234045-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>512</b>	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
<b>DRO &gt;C10-C28*</b>	<b>41.8</b>	10.0	08/04/2023	ND	180	89.8	200	1.18	
<b>EXT DRO &gt;C28-C36</b>	<b>15.7</b>	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 2 (1.5') (H234045-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	89.8	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 2 (2') (H234045-06)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	89.8	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 3 (0-1') (H234045-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>432</b>	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898		
<b>DRO &gt;C10-C28*</b>	<b>733</b>	10.0	08/04/2023	ND	180	89.8	200	1.18		
<b>EXT DRO &gt;C28-C36</b>	<b>330</b>	10.0	08/04/2023	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 168 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 3 (1.5') (H234045-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	168	83.9	200	0.898	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	180	89.8	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 3 (2') (H234045-09)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	89.8	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 4 (0-1') (H234045-10)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	89.8	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 4 (1.5') (H234045-11)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	89.8	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 4 (2') (H234045-12)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	89.8	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 5 (0-1') (H234045-13)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
<b>DRO &gt;C10-C28*</b>	<b>75.1</b>	10.0	08/04/2023	ND	180	89.8	200	1.18	
<b>EXT DRO &gt;C28-C36</b>	<b>35.2</b>	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 5 (1.5') (H234045-14)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	89.8	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 5 (2') (H234045-15)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	89.8	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 6 (0-1') (H234045-16)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1960</b>	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898		
<b>DRO &gt;C10-C28*</b>	<b>2230</b>	10.0	08/04/2023	ND	180	89.8	200	1.18		
<b>EXT DRO &gt;C28-C36</b>	<b>822</b>	10.0	08/04/2023	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 189 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 6 (1.5') (H234045-17)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 6 (2') (H234045-18)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 6 (3') (H234045-19)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 6 (4') (H234045-20)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 7 (0-1') (H234045-21)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.13	106	2.00	0.0739	
Toluene*	<0.050	0.050	08/07/2023	ND	2.06	103	2.00	0.969	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.98	98.8	2.00	0.895	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.97	99.4	6.00	0.635	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	49.9	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	12.9	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 7 (1.5') (H234045-22)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 7 (2') (H234045-23)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 7 (3') (H234045-24)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 7 (4') (H234045-25)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 8 (0-1') (H234045-26)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>160</b>	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
<b>DRO &gt;C10-C28*</b>	<b>138</b>	10.0	08/04/2023	ND	176	88.1	200	3.52	
<b>EXT DRO &gt;C28-C36</b>	<b>48.1</b>	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 8 (1.5') (H234045-27)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 8 (2') (H234045-28)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 9 (0-1') (H234045-29)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	402	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	181	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 9 (1.5') (H234045-30)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 9 (2') (H234045-31)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 10 (0-1') (H234045-32)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
<b>DRO &gt;C10-C28*</b>	<b>13.1</b>	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 10 (1.5') (H234045-33)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 10 (2') (H234045-34)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 11 (0-1') (H234045-35)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>112</b>	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
<b>DRO &gt;C10-C28*</b>	<b>39.9</b>	10.0	08/04/2023	ND	176	88.1	200	3.52	
<b>EXT DRO &gt;C28-C36</b>	<b>20.0</b>	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 11 (1.5') (H234045-36)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.4	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	176	88.1	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 11 (2') (H234045-37)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	169	84.4	200	5.49	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	190	95.2	200	7.70	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 12 (0-1') (H234045-38)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>112</b>	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	169	84.4	200	5.49	
<b>DRO &gt;C10-C28*</b>	<b>13.4</b>	10.0	08/04/2023	ND	190	95.2	200	7.70	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 12 (1.5') (H234045-39)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	169	84.4	200	5.49	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	190	95.2	200	7.70	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 12 (2') (H234045-40)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	169	84.4	200	5.49	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	190	95.2	200	7.70	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 13 (0-1') (H234045-41)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	3.57	
Toluene*	<0.050	0.050	08/06/2023	ND	1.90	95.0	2.00	4.56	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.96	98.1	2.00	2.95	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.88	98.0	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/04/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	169	84.4	200	5.49	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	190	95.2	200	7.70	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 13 (1.5') (H234045-42)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/06/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	169	84.4	200	5.49	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	190	95.2	200	7.70	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: T - 13 (2') (H234045-43)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.00	100	2.00	2.79	
Toluene*	<0.050	0.050	08/06/2023	ND	1.91	95.7	2.00	2.94	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	2.73	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.74	95.7	6.00	2.68	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	169	84.4	200	5.49	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	190	95.2	200	7.70	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

10231045

Page 2 of 5

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmona Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W. Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-6823	Email:	lcarrasco@durangomidstream.com

Work Order Comments	
Program: USTRPST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> <input type="checkbox"/> perfund	State of Project:
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			ANALYSIS REQUEST	Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500		
T-4 (1.5')	7/27/2023		X		G	1	X	X	X		
T-4 (2')	7/27/2023		X		G	1	X	X	X		
T-5 (0-1')	7/27/2023		X		G	1	X	X	X		
T-5 (1.5')	7/27/2023		X		G	1	X	X	X		
T-5 (2')	7/27/2023		X		G	1	X	X	X		
T-6 (0-1')	7/27/2023		X		G	1	X	X	X		
T-6 (1.5')	7/27/2023		X		G	1	X	X	X		
T-6 (2')	7/27/2023		X		G	1	X	X	X		
T-6 (3')	7/27/2023		X		G	1	X	X	X		
T-6 (4')	7/27/2023		X		G	1	X	X	X		

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Project Name:	10" Main Line Seg 2	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number:	2083	Due Date:	Standard TAT
Project Location:	Eddy County, New Mexico	Sampler's Name:	CCM
PO #:		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
SAMPLE RECEIPT		Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Coder Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Thermometer ID:	140
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Correction Factor:	
Total Containers:		Temperature Reading:	-4.6°C
		Corrected Temperature:	

None: NO	DI Water: H <sub>2</sub> O
Cool: Cool	MeOH: Me
HCL: HC	HNO <sub>3</sub> : HN
H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
H <sub>2</sub> PO <sub>4</sub> : HP	
NaHSO <sub>4</sub> : NABIS	
Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> : NASO <sub>3</sub>	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Ben Myaerney</i>	8-1-23 1135	<i>Lupe Carrasco</i>	





Chain of Custody

Work Order No:

4234045

Page 5 of 5

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmona Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W. Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-6823	Email:	gcarrasco@duranomidstream.com

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

Project Name:	10" Main Line Seg 2	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush																			
Project Number:	2083	Due Date:	Standard TAT														None: NO	DI Water: H <sub>2</sub> O				
Project Location:	Eddy County, New Mexico																Cool: Cool	MeOH: Me				
Sampler's Name:	CCM																HCL: HC	HNO <sub>3</sub> : HN				
PO #:																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na				
<b>SAMPLE RECEIPT</b>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>2</sub> PO <sub>4</sub> : HP					
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:															NaHSO <sub>4</sub> : NABIS					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Correction Factor:															Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Temperature Reading:															Zn Acetate+NaOH: Zn					
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
T-13 (0-1')	7/27/2023		X		G	1	X	X	X													
T-13 (1.5')	7/27/2023		X		G	1	X	X	X													
T-13 (2')	7/27/2023		X		G	1	X	X	X													

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	8-1-23 1135	<i>Lupe Carrasco</i>	



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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August 08, 2023

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: 10" MAIN LINE SEG 2

Enclosed are the results of analyses for samples received by the laboratory on 08/01/23 11:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: H - 1 (0-0.5') (H234044-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.07	103	2.00	2.32	
Toluene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.92	96.1	2.00	1.65	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.60	93.4	6.00	0.847	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	08/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	ND	170	84.8	200	3.71	
<b>DRO &gt;C10-C28*</b>	<b>24.9</b>	10.0	08/08/2023	ND	181	90.3	200	6.61	
<b>EXT DRO &gt;C28-C36</b>	<b>16.5</b>	10.0	08/08/2023	ND					

Surrogate: 1-Chlorooctane 56.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.5 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: H - 2 (0-0.5') (H234044-02)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.07	103	2.00	2.32	
Toluene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.92	96.1	2.00	1.65	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.60	93.4	6.00	0.847	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	170	84.8	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	181	90.3	200	6.61	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: H - 3 (0-0.5') (H234044-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.07	103	2.00	2.32	
Toluene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.92	96.1	2.00	1.65	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.60	93.4	6.00	0.847	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	170	84.8	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	181	90.3	200	6.61	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: H - 4 (0-0.5') (H234044-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.07	103	2.00	2.32	
Toluene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.92	96.1	2.00	1.65	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.60	93.4	6.00	0.847	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	170	84.8	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	181	90.3	200	6.61	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: H - 5 (0-0.5') (H234044-05)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.07	103	2.00	2.32	
Toluene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.92	96.1	2.00	1.65	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.60	93.4	6.00	0.847	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	08/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	170	84.8	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	181	90.3	200	6.61	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: H - 6 (0-0.5') (H234044-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.07	103	2.00	2.32	
Toluene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.92	96.1	2.00	1.65	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.60	93.4	6.00	0.847	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	170	84.8	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	181	90.3	200	6.61	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: H - 7 (0-0.5') (H234044-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.07	103	2.00	2.32	
Toluene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.92	96.1	2.00	1.65	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.60	93.4	6.00	0.847	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	89.8	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: H - 8 (0-0.5') (H234044-08)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.07	103	2.00	2.32	
Toluene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.92	96.1	2.00	1.65	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.60	93.4	6.00	0.847	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	08/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
<b>DRO &gt;C10-C28*</b>	<b>11.0</b>	10.0	08/04/2023	ND	180	89.8	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: H - 9 (0-0.5') (H234044-09)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.07	103	2.00	2.32	
Toluene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.92	96.1	2.00	1.65	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.60	93.4	6.00	0.847	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	89.8	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	08/01/2023	Sampling Date:	07/27/2023
Reported:	08/08/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: H - 10 (0-0.5') (H234044-10)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.07	103	2.00	2.32	
Toluene*	<0.050	0.050	08/06/2023	ND	1.93	96.3	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	1.92	96.1	2.00	1.65	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	5.60	93.4	6.00	0.847	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	168	83.9	200	0.898	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	89.8	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H234044

Page 1 of 1

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmona Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W. Kircald Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-8823	Email:	gcarrasco@durangomidstream.com

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

Project Name:	10" Main Line Seg 2	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	2083	Due Date:	Standard TAT		
Project Location:	Eddy County, New Mexico				
Sampler's Name:	CCM				
PO #:					
<b>SAMPLE RECEIPT</b>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Thermometer ID:		740	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Correction Factor:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Temperature Reading:		-4.6°C	
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
H-1 (0-0.5')	7/27/2023		X		G	1	BTEX 8021B	None: NO	
H-2 (0-0.5')	7/27/2023		X		G	1	TPH 8015M ( GRO + DRO + MRO)	DI Water: H <sub>2</sub> O	
H-3 (0-0.5')	7/27/2023		X		G	1	Chloride 4500	Cool: Cool	MeOH: Me
H-4 (0-0.5')	7/27/2023		X		G	1		HCL: HC	HNO <sub>3</sub> : HN
H-5 (0-0.5')	7/27/2023		X		G	1		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
H-6 (0-0.5')	7/27/2023		X		G	1		H <sub>3</sub> PO <sub>4</sub> : HP	
H-7 (0-0.5')	7/27/2023		X		G	1		NaHSO <sub>4</sub> : NABIS	
H-8 (0-0.5')	7/27/2023		X		G	1		Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NASO <sub>5</sub>	
H-9 (0-0.5')	7/27/2023		X		G	1		Zn Acetate+NaOH: Zn	
H-10 (0-0.5')	7/27/2023		X		G	1		NaOH+Ascorbic Acid: SAPC	

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Corner Moehring / cmohring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Corner Moehring</i>	8-1-23 1135	<i>Shirley Williams</i>	



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October 06, 2023

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: 10" MAIN LINE SEG 2

Enclosed are the results of analyses for samples received by the laboratory on 10/02/23 8:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 1 (1.5') (H235334-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>304</b>	16.0	10/02/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	212	106	200	0.792	
<b>DRO &gt;C10-C28*</b>	<b>20.7</b>	10.0	10/02/2023	ND	236	118	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 2 (1.5') (H235334-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>528</b>	16.0	10/02/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	212	106	200	0.792	
<b>DRO &gt;C10-C28*</b>	<b>18.1</b>	10.0	10/02/2023	ND	236	118	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 3 (1.5') (H235334-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>432</b>	16.0	10/02/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	212	106	200	0.792	
<b>DRO &gt;C10-C28*</b>	<b>15.5</b>	10.0	10/02/2023	ND	236	118	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 4 (1.5') (H235334-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>416</b>	16.0	10/02/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	212	106	200	0.792	
<b>DRO &gt;C10-C28*</b>	<b>14.3</b>	10.0	10/02/2023	ND	236	118	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 5 (1.5') (H235334-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>400</b>	16.0	10/02/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	212	106	200	0.792	
<b>DRO &gt;C10-C28*</b>	<b>15.1</b>	10.0	10/02/2023	ND	236	118	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 6 (1.5') (H235334-06)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>464</b>	16.0	10/02/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	212	106	200	0.792	
<b>DRO &gt;C10-C28*</b>	<b>38.0</b>	10.0	10/02/2023	ND	236	118	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 7 (1.5') (H235334-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/02/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	212	106	200	0.792	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	236	118	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 8 (1.5') (H235334-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/02/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	212	106	200	0.792	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	236	118	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 9 (1.5') (H235334-09)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	10/02/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	212	106	200	0.792	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	236	118	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 10 (1.5') (H235334-10)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>352</b>	16.0	10/02/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	212	106	200	0.792	
<b>DRO &gt;C10-C28*</b>	<b>12.8</b>	10.0	10/02/2023	ND	236	118	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 11 (1.5') (H235334-11)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/02/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	212	106	200	0.792	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	236	118	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 12 (1.5') (H235334-12)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	212	106	200	0.792	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	236	118	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 13 (1.5') (H235334-13)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>256</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>21.0</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 14 (1.5') (H235334-14)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>17.4</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 15 (1.5') (H235334-15)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
DRO >C10-C28*	19.5	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 16 (1.5') (H235334-16)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.95	97.6	2.00	0.709	
Toluene*	<0.050	0.050	10/04/2023	ND	1.98	98.8	2.00	0.294	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.90	94.9	2.00	0.117	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	5.70	95.0	6.00	0.0634	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>320</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>33.2</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 17 (1.5') (H235334-17)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>304</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>26.7</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 18 (1.5') (H235334-18)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>304</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>20.6</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 19 (1.5') (H235334-19)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>208</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>18.5</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 20 (2') (H235334-20)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>224</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>21.3</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 21 (2') (H235334-21)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>224</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>13.0</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 22 (2') (H235334-22)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>320</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>16.3</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 23 (2') (H235334-23)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>224</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>21.8</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 24 (1.5') (H235334-24)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>256</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>12.5</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 25 (1.5') (H235334-25)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
DRO >C10-C28*	12.6	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 26 (1.5') (H235334-26)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 27 (1.5') (H235334-27)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 28 (1.5') (H235334-28)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>160</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>13.8</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 29 (1.5') (H235334-29)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>208</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>20.0</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 30 (1.5') (H235334-30)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>224</b>	16.0	10/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>15.2</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 31 (1.5') (H235334-31)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	10/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>21.3</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 32 (1.5') (H235334-32)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	10/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	182	91.0	200	0.271	
<b>DRO &gt;C10-C28*</b>	<b>17.1</b>	10.0	10/02/2023	ND	224	112	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 33 (1.5') (H235334-33)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	211	106	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 34 (1.5') (H235334-34)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>304</b>	16.0	10/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	211	106	200	2.30	
<b>DRO &gt;C10-C28*</b>	<b>26.7</b>	10.0	10/02/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 35 (1.5') (H235334-35)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	211	106	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 36 (1.5') (H235334-36)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.27	114	2.00	0.940	
Toluene*	<0.050	0.050	10/04/2023	ND	2.38	119	2.00	2.16	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.35	118	2.00	1.18	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.61	110	6.00	0.468	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2023	ND	211	106	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/05/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/05/2023	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 37 (1.5') (H235334-37)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>272</b>	16.0	10/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	211	106	200	2.30	
<b>DRO &gt;C10-C28*</b>	<b>57.0</b>	10.0	10/03/2023	ND	237	118	200	5.01	
<b>EXT DRO &gt;C28-C36</b>	<b>11.4</b>	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 38 (1.5') (H235334-38)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>288</b>	16.0	10/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	211	106	200	2.30	
<b>DRO &gt;C10-C28*</b>	<b>10.4</b>	10.0	10/03/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 39 (1.5') (H235334-39)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>272</b>	16.0	10/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	211	106	200	2.30	
<b>DRO &gt;C10-C28*</b>	<b>15.1</b>	10.0	10/03/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 40 (1.5') (H235334-40)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>288</b>	16.0	10/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	211	106	200	2.30	
<b>DRO &gt;C10-C28*</b>	<b>41.4</b>	10.0	10/03/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 41 (1.5') (H235334-41)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>256</b>	16.0	10/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	211	106	200	2.30	
<b>DRO &gt;C10-C28*</b>	<b>20.3</b>	10.0	10/02/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 42 (1.5') (H235334-42)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/03/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	211	106	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 43 (1.5') (H235334-43)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	211	106	200	2.30	
<b>DRO &gt;C10-C28*</b>	<b>17.8</b>	10.0	10/02/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 44 (1.5') (H235334-44)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>224</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	211	106	200	2.30	
<b>DRO &gt;C10-C28*</b>	<b>12.3</b>	10.0	10/02/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 45 (1.5') (H235334-45)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>256</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	211	106	200	2.30	
<b>DRO &gt;C10-C28*</b>	<b>15.8</b>	10.0	10/02/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 46 (1.5') (H235334-46)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80		
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	211	106	200	2.30		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	237	118	200	5.01		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 47 (1.5') (H235334-47)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>256</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	211	106	200	2.30	
<b>DRO &gt;C10-C28*</b>	<b>15.7</b>	10.0	10/03/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 48 (1.5') (H235334-48)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>272</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	211	106	200	2.30	
<b>DRO &gt;C10-C28*</b>	<b>18.3</b>	10.0	10/03/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 49 (1.5') (H235334-49)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	211	106	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 50 (1.5') (H235334-50)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	211	106	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 51 (1.5') (H235334-51)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	211	106	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 52 (1.5') (H235334-52)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	211	106	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	237	118	200	5.01	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 53 (1.5') (H235334-53)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	205	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	205	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 54 (1.5') (H235334-54)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	205	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	205	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 55 (1.5') (H235334-55)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.18	109	2.00	4.80	
Toluene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	5.47	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.28	114	2.00	4.30	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.30	105	6.00	4.83	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	205	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	205	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 56 (1.5') (H235334-56)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	1.74	
Toluene*	<0.050	0.050	10/03/2023	ND	1.95	97.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	7.61	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.03	100	6.00	9.64	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	205	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	205	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 57 (1.5') (H235334-57)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	1.74	
Toluene*	<0.050	0.050	10/03/2023	ND	1.95	97.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	7.61	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.03	100	6.00	9.64	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	205	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	205	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 58 (1.5') (H235334-58)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	1.74	
Toluene*	<0.050	0.050	10/03/2023	ND	1.95	97.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	7.61	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.03	100	6.00	9.64	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	205	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	205	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 59 (1.5') (H235334-59)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	1.74	
Toluene*	<0.050	0.050	10/03/2023	ND	1.95	97.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	7.61	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.03	100	6.00	9.64	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	205	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	205	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 60 (1.5') (H235334-60)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	1.74	
Toluene*	<0.050	0.050	10/03/2023	ND	1.95	97.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	7.61	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.03	100	6.00	9.64	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	205	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	205	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 61 (1.5') (H235334-61)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	1.74	
Toluene*	<0.050	0.050	10/03/2023	ND	1.95	97.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	7.61	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.03	100	6.00	9.64	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	205	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	205	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 62 (1.5') (H235334-62)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	1.74	
Toluene*	<0.050	0.050	10/03/2023	ND	1.95	97.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	7.61	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.03	100	6.00	9.64	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	205	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	205	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 63 (1.5') (H235334-63)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	1.74		
Toluene*	<0.050	0.050	10/03/2023	ND	1.95	97.3	2.00	7.45		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	7.61		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.03	100	6.00	9.64		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	205	102	200	4.89		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	205	103	200	5.00		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 64 (1.5') (H235334-64)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	1.74		
Toluene*	<0.050	0.050	10/04/2023	ND	1.95	97.3	2.00	7.45		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	7.61		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.03	100	6.00	9.64		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	205	102	200	4.89		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	205	103	200	5.00		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 65 (1.5') (H235334-65)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	1.74	
Toluene*	<0.050	0.050	10/04/2023	ND	1.95	97.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	7.61	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.03	100	6.00	9.64	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	205	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	205	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 66 (1.5') (H235334-66)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	1.74		
Toluene*	<0.050	0.050	10/04/2023	ND	1.95	97.3	2.00	7.45		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	7.61		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.03	100	6.00	9.64		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>144</b>	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	205	102	200	4.89		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	205	103	200	5.00		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 67 (1.5') (H235334-67)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	1.74	
Toluene*	<0.050	0.050	10/04/2023	ND	1.95	97.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	7.61	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.03	100	6.00	9.64	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	205	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	205	103	200	5.00	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 68 (1.5') (H235334-68)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	1.74		
Toluene*	<0.050	0.050	10/04/2023	ND	1.95	97.3	2.00	7.45		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	7.61		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.03	100	6.00	9.64		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	205	102	200	4.89		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	205	103	200	5.00		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 66.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 69 (1.5') (H235334-69)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	1.74		
Toluene*	<0.050	0.050	10/04/2023	ND	1.95	97.3	2.00	7.45		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	7.61		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.03	100	6.00	9.64		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	205	102	200	4.89		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	205	103	200	5.00		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 70 (1.5') (H235334-70)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	1.74		
Toluene*	<0.050	0.050	10/04/2023	ND	1.95	97.3	2.00	7.45		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	7.61		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.03	100	6.00	9.64		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	205	102	200	4.89		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	205	103	200	5.00		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 68.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 71 (1.5') (H235334-71)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	1.74		
Toluene*	<0.050	0.050	10/04/2023	ND	1.95	97.3	2.00	7.45		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	7.61		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.03	100	6.00	9.64		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	205	102	200	4.89		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	205	103	200	5.00		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 61.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 72 (1.5') (H235334-72)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	1.74		
Toluene*	<0.050	0.050	10/04/2023	ND	1.95	97.3	2.00	7.45		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	7.61		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.03	100	6.00	9.64		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	205	102	200	4.89		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	205	103	200	5.00		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 64.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 73 (1.5') (H235334-73)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	1.74	
Toluene*	<0.050	0.050	10/04/2023	ND	1.95	97.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	7.61	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.03	100	6.00	9.64	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 68.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 74 (1.5') (H235334-74)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	1.74		
Toluene*	<0.050	0.050	10/04/2023	ND	1.95	97.3	2.00	7.45		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	7.61		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.03	100	6.00	9.64		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 75 (1.5') (H235334-75)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	1.74	
Toluene*	<0.050	0.050	10/04/2023	ND	1.95	97.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	1.99	99.4	2.00	7.61	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.03	100	6.00	9.64	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 76 (1.5') (H235334-76)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85	
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89	QR-03
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50	QR-03
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83	QR-03
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 60.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.4 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 77 (1.5') (H235334-77)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 61.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 78 (1.5') (H235334-78)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85	
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 64.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 79 (1.5') (H235334-79)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 56.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 80 (1.5') (H235334-80)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 81 (1.5') (H235334-81)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 65.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 82 (1.5') (H235334-82)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/03/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 55.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 83 (1.5') (H235334-83)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/04/2023	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 54.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.8 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 84 (1.5') (H235334-84)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	10/04/2023	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 62.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 85 (1.5') (H235334-85)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/04/2023	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 86 (1.5') (H235334-86)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/04/2023	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 64.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 87 (1.5') (H235334-87)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>16.0</b>	16.0	10/04/2023	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 64.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 88 (1.5') (H235334-88)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	10/04/2023	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 68.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 89 (1.5') (H235334-89)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/04/2023	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/06/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 90 (1.5') (H235334-90)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/04/2023	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 67.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCS/D recovery and/or RPD values.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 10355334

Page 2 of 14

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmona Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-6823	Email:	gcarrasco@durangomidstream.com

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

Project Name:	10" Main Line Seg 2	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number:	2083	Due Date:	Standard TAT				None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Eddy County, New Mexico						
Sampler's Name:	FV						
PO #:							

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
CS-11 (1.5')	9/28/2023		X		Comp	1	BTEX 8021B	11
CS-12 (1.5')	9/28/2023		X		Comp	1	TPH 8015M ( GRO + DRO + MRO)	12
CS-13 (1.5')	9/28/2023		X		Comp	1	Chloride 4500	13
CS-14 (1.5')	9/28/2023		X		Comp	1		14
CS-15 (1.5')	9/28/2023		X		Comp	1		15
CS-16 (1.5')	9/28/2023		X		Comp	1		16
CS-17 (1.5')	9/28/2023		X		Comp	1		17
CS-18 (1.5')	9/28/2023		X		Comp	1		18
CS-19 (1.5')	9/28/2023		X		Comp	1		19
CS-20 (2')	9/28/2023		X		Comp	1		20

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	10-23-2023	<i>[Signature]</i>	







Chain of Custody

Work Order No: 10355334

Page 6 of 14

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmona Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-6823	Email:	gcarrasco@durangomidstream.com

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

Project Name:	10" Main Line Seg 2		Turn Around	ANALYSIS REQUEST	Preservative Codes
Project Number:	2083		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		None: NO <input type="checkbox"/> DI Water: H <sub>2</sub> O
Project Location:	Eddy County, New Mexico		Due Date:		Cool: Cool <input type="checkbox"/> MeOH: Me
Sampler's Name:	FV		Standard TAT		HCL: HC <input type="checkbox"/> HNO <sub>3</sub> : HN
PO #:					H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> <input type="checkbox"/> NaOH: Na
<b>SAMPLE RECEIPT</b>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:		H <sub>3</sub> PO <sub>4</sub> : HP <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		NaHSO <sub>4</sub> : NABIS <input type="checkbox"/>
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:			Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> <input type="checkbox"/>
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:			Zn Acetate+NaOH: Zn <input type="checkbox"/>
Total Containers:		Corrected Temperature:			NaOH+Ascorbic Acid: SAPC <input type="checkbox"/>

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
CS-51 (1.5')	9/28/2023		X		Comp	1	BTEX 8021B	51
CS-52 (1.5')	9/28/2023		X		Comp	1	TPH 8015M ( GRO + DRO + MRO)	52
CS-53 (1.5')	9/28/2023		X		Comp	1	Chloride 4500	53
CS-54 (1.5')	9/28/2023		X		Comp	1		54
CS-55 (1.5')	9/28/2023		X		Comp	1		55
CS-56 (1.5')	9/28/2023		X		Comp	1		56
CS-57 (1.5')	9/28/2023		X		Comp	1		57
CS-58 (1.5')	9/28/2023		X		Comp	1		58
CS-59 (1.5')	9/28/2023		X		Comp	1		59
CS-60 (1.5')	9/28/2023		X		Comp	1		100

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	10/23/2023	<i>[Signature]</i>	10/23/2023



Chain of Custody

Work Order No: 10355334

Page 8 of 14

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmona Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-6823	Email:	gcarrasco@durangomidstream.com

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

Project Name:	10" Main Line Seg 2	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	2083	Due Date:	Standard TAT		
Project Location:	Eddy County, New Mexico				
Sampler's Name:	FV				
PO #:					
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:			140
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:			-3.82
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			ANALYSIS REQUEST				Preservative Codes	Sample Comments
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500						
CS-71 (1.5')	9/29/2023		X		Comp	1	X	X	X						71
CS-72 (1.5')	9/29/2023		X		Comp	1	X	X	X						72
CS-73 (1.5')	9/29/2023		X		Comp	1	X	X	X						73
CS-74 (1.5')	9/29/2023		X		Comp	1	X	X	X						74
CS-75 (1.5')	9/29/2023		X		Comp	1	X	X	X						75
CS-76 (1.5')	9/29/2023		X		Comp	1	X	X	X						76
CS-77 (1.5')	9/29/2023		X		Comp	1	X	X	X						77
CS-78 (1.5')	9/29/2023		X		Comp	1	X	X	X						78
CS-79 (1.5')	9/29/2023		X		Comp	1	X	X	X						79
CS-80 (1.5')	9/29/2023		X		Comp	1	X	X	X						80

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	<u>Herrault</u>	Date/Time	<u>10/23 0803</u>	Received by: (Signature)	<u>Stedraquay</u>	Date/Time	
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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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October 05, 2023

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: 10" MAIN LINE SEG 2

Enclosed are the results of analyses for samples received by the laboratory on 10/02/23 8:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 91 (2') (H235335-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85	
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/04/2023	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 70.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 92 (2') (H235335-02)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>96.0</b>	16.0	10/04/2023	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	207	104	200	1.10		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	210	105	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 93 (2') (H235335-03)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>96.0</b>	16.0	10/04/2023	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 70.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 94 (2') (H235335-04)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	10/04/2023	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 95 (2') (H235335-05)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	2.09	104	2.00	2.85		
Toluene*	<0.050	0.050	10/05/2023	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.13	107	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.22	104	6.00	1.83		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/04/2023	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 69.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 96 (2') (H235335-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.98	98.9	2.00	0.923	
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.8	2.00	1.82	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.01	101	2.00	2.45	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.12	102	6.00	3.31	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	10/04/2023	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 58.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.3 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 97 (2') (H235335-07)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/04/2023	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 98 (2') (H235335-08)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 59.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.3 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 99 (2') (H235335-09)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 60.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.1 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 100 (2') (H235335-10)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 62.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 101 (2') (H235335-11)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 64.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.3 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 102 (2') (H235335-12)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 51.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 56.5 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 103 (2') (H235335-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923	
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	10/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926	
<b>DRO &gt;C10-C28*</b>	<b>33.9</b>	10.0	10/03/2023	ND	214	107	200	6.71	
<b>EXT DRO &gt;C28-C36</b>	<b>15.3</b>	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 104 (2') (H235335-14)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 61.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.8 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 105 (2') (H235335-15)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 63.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.8 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 106 (2') (H235335-16)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923	
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 66.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 107 (2') (H235335-17)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 56.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.3 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 108 (2') (H235335-18)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 65.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 109 (2') (H235335-19)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 55.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 110 (2') (H235335-20)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	10/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 60.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.6 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 111 (2') (H235335-21)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 70.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 112 (2') (H235335-22)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923	
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	201	100	200	0.926	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	214	107	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 56.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 113 (2') (H235335-23)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923	
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	16.0	10/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
<b>DRO &gt;C10-C28*</b>	<b>10.5</b>	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: CS - 114 (2') (H235335-24)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923		
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82		
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31		
Total BTEX	<0.300	0.300	10/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>112</b>	16.0	10/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80		
<b>DRO &gt;C10-C28*</b>	<b>10.8</b>	10.0	10/03/2023	ND	215	108	200	0.798		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 1 (1.5') (H235335-25)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	1.98	98.9	2.00	0.923	
Toluene*	<0.050	0.050	10/05/2023	ND	1.96	97.8	2.00	1.82	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.01	101	2.00	2.45	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.12	102	6.00	3.31	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 2 (1.5') (H235335-26)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 3 (1.5') (H235335-27)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 4 (1.5') (H235335-28)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 5 (1.5') (H235335-29)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 6 (1.5') (H235335-30)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 7 (1.5') (H235335-31)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 8 (1.5') (H235335-32)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 9 (1.5') (H235335-33)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 10 (1.5') (H235335-34)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 11 (1.5') (H235335-35)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 12 (1.5') (H235335-36)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80		
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798		
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 151 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 13 (1.5') (H235335-37)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 14 (1.5') (H235335-38)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 15 (1.5') (H235335-39)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 16 (1.5') (H235335-40)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/05/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 17 (.5') (H235335-41)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/05/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 18 (2') (H235335-42)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/05/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	195	97.3	200	2.80	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	108	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 19 (2') (H235335-43)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/05/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 20 (2') (H235335-44)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/05/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

CARMONA RESOURCES  
 CLINT MERRITT  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	10/02/2023	Sampling Date:	09/29/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	10" MAIN LINE SEG 2	Sampling Condition:	Cool & Intact
Project Number:	2083	Sample Received By:	Shalyn Rodriguez
Project Location:	DURANGO - EDDY COUNTY, NEW MEXIC		

**Sample ID: SW - 21 (2') (H235335-45)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/05/2023	ND	2.32	116	2.00	4.83	
Toluene*	<0.050	0.050	10/05/2023	ND	2.40	120	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/05/2023	ND	2.40	120	2.00	4.35	
Total Xylenes*	<0.150	0.150	10/05/2023	ND	6.55	109	6.00	3.60	
Total BTEX	<0.300	0.300	10/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/03/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H12353350

Page 10 of 14

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmona Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-6823	Email:	gcarrasco@durangomidstream.com

Program:	UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Rowfields	<input type="checkbox"/> RC	<input type="checkbox"/> Superfund
State of Project:					
Reporting Level:	Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> ST/UST	<input type="checkbox"/> RRP	<input type="checkbox"/> Level IV
Deliverables:	EDD	<input type="checkbox"/>	ADAPT	<input type="checkbox"/>	Other:

Project Name:	10" Main Line Seg 2		Turn Around	Pres. Code	ANALYSIS REQUEST		Preservative Codes
Project Number:	2083	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush				None: NO DI Water: H <sub>2</sub> O
Project Location:	Eddy County, New Mexico	Due Date:	Standard TAT				Cool: Cool MeOH: Me
Sampler's Name:	FV						HCL: HC HNO <sub>3</sub> : HN
PO #:							H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na
Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				H <sub>3</sub> PO <sub>4</sub> : HP
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140				NaHSO <sub>4</sub> : NABIS
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:					Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NASO <sub>5</sub>
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	-3.52				Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature:					NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-91 (2)	9/29/2023		X		Comp	1	X	X	X	1
CS-92 (2)	9/29/2023		X		Comp	1	X	X	X	2
CS-93 (2)	9/29/2023		X		Comp	1	X	X	X	3
CS-94 (2)	9/29/2023		X		Comp	1	X	X	X	4
CS-95 (2)	9/29/2023		X		Comp	1	X	X	X	5
CS-96 (2)	9/29/2023		X		Comp	1	X	X	X	6
CS-97 (2)	9/29/2023		X		Comp	1	X	X	X	7
CS-98 (2)	9/29/2023		X		Comp	1	X	X	X	8
CS-99 (2)	9/29/2023		X		Comp	1	X	X	X	9
CS-100 (2)	9/29/2023		X		Comp	1	X	X	X	10

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Handwritten Signature</i>	10-2-23 803	<i>Spaderquay</i>	



Chain of Custody

Work Order No: HA2303350

Page 12 of 14

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmona Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-6823	Email:	gcarrasco@durangomidstream.com

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

Project Name:	10" Main Line Seg 2	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	2083	Due Date:	Standard TAT		
Project Location:	Eddy County, New Mexico				
Sampler's Name:	FV				
PO #:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Sample Comments
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	
CS-111 (2')	9/29/2023		X		Comp	1	X	X	21
CS-112 (2')	9/29/2023		X		Comp	1	X	X	22
CS-113 (2')	9/29/2023		X		Comp	1	X	X	23
CS-114 (2')	9/29/2023		X		Comp	1	X	X	24
SW-1 (1.5')	9/29/2023		X		Comp	1	X	X	25
SW-2 (1.5')	9/29/2023		X		Comp	1	X	X	26
SW-3 (1.5')	9/29/2023		X		Comp	1	X	X	27
SW-4 (1.5')	9/29/2023		X		Comp	1	X	X	28
SW-5 (1.5')	9/29/2023		X		Comp	1	X	X	29
SW-6 (1.5')	9/29/2023		X		Comp	1	X	X	30

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	10:23 8/03	<i>[Signature]</i>	

Chain of Custody

Work Order No: H235335

Page 13 of 14

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmona Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-6823	Email:	gcarrasco@durangomidstream.com
Project Name:	10" Main Line Sag 2	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number:	2083	Due Date:	Standard TAT
Project Location:	Eddy County, New Mexico		
Sampler's Name:	FV		
PO #:			

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

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		ANALYSIS REQUEST	Preservative Codes	Sample Comments
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)			
SW-7 (1.5')	9/29/2023		X		Comp	1	X	X			31
SW-8 (1.5')	9/29/2023		X		Comp	1	X	X			32
SW-9 (1.5')	9/29/2023		X		Comp	1	X	X			33
SW-10 (1.5')	9/29/2023		X		Comp	1	X	X			34
SW-11 (1.5')	9/29/2023		X		Comp	1	X	X			35
SW-12 (1.5')	9/29/2023		X		Comp	1	X	X			36
SW-13 (1.5')	9/29/2023		X		Comp	1	X	X			37
SW-14 (1.5')	9/29/2023		X		Comp	1	X	X			38
SW-15 (1.5')	9/29/2023		X		Comp	1	X	X			39
SW-16 (1.5')	9/29/2023		X		Comp	1	X	X			40

Received Intact:	Temp Blank: <input checked="" type="radio"/> Yes <input type="radio"/> No	Yes <input type="radio"/> No <input checked="" type="radio"/>	Wet Ice: <input type="radio"/> Yes <input checked="" type="radio"/> No	Thermometer ID:	140
Coder Custody Seals:	Yes <input type="radio"/> No <input checked="" type="radio"/>	N/A	Correction Factor:		
Sample Custody Seals:	Yes <input type="radio"/> No <input checked="" type="radio"/>	N/A	Temperature Reading:	-3.8	
Total Containers:			Corrected Temperature:		

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	10-23-2023	<i>[Signature]</i>	

Chain of Custody

Work Order No: H235335

Page 14 of 14

Project Manager:	Clinton Merritt	Bill to: (if different)	Lupe Carrasco
Company Name:	Carmona Resources	Company Name:	Durango Midstream
Address:	310 W Wall St Ste 500	Address:	288 W Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-6823	Email:	gcarrasco@durangomidstream.com

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

Project Name:	10" Main Line Sag 2	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	2083	Due Date:	Standard TAT		
Project Location:	Eddy County, New Mexico				
Sampler's Name:	FV				
PO #:					
<b>SAMPLE RECEIPT</b>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:			BTEX 8021B
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:			TPH 8015M ( GRO + DRO + MRO)
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:			Chloride 4500
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
SW-17 (5)	9/29/2023		X		Comp	1		None: NO DI Water: H <sub>2</sub> O	41
SW-18 (2)	9/29/2023		X		Comp	1		Cool: Cool MeOH: Me	42
SW-19 (2)	9/29/2023		X		Comp	1		HCL: HC HNO <sub>3</sub> : HN	43
SW-20 (2)	9/29/2023		X		Comp	1		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na	44
SW-21 (2)	9/29/2023		X		Comp	1		H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	45

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	09/28/2023	<i>[Signature]</i>	

## APPENDIX F

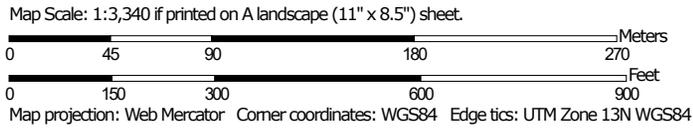
CARMONA RESOURCES



Soil Map—Eddy Area, New Mexico



Soil Map may not be valid at this scale.



Soil Map—Eddy Area, New Mexico

### MAP LEGEND

**Area of Interest (AOI)**

 Area of Interest (AOI)

**Soils**

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

**Special Point Features**



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

**Water Features**



Streams and Canals

**Transportation**



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

**Background**



Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

**Warning:** Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico  
 Survey Area Data: Version 19, Sep 7, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Soil Map—Eddy Area, New Mexico

---

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KT	Kimbrough-Stegall loams, 0 to 3 percent slopes	36.0	100.0%
<b>Totals for Area of Interest</b>		<b>36.0</b>	<b>100.0%</b>

Map Unit Description: Kimbrough-Stegall loams, 0 to 3 percent slopes---Eddy Area, New Mexico

## Eddy Area, New Mexico

### KT—Kimbrough-Stegall loams, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w4t  
*Elevation:* 2,750 to 5,000 feet  
*Mean annual precipitation:* 8 to 16 inches  
*Mean annual air temperature:* 57 to 70 degrees F  
*Frost-free period:* 180 to 230 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Kimbrough and similar soils:* 70 percent  
*Stegall and similar soils:* 25 percent  
*Minor components:* 5 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Kimbrough

##### Setting

*Landform:* Plains, alluvial fans  
*Landform position (three-dimensional):* Talf, rise  
*Down-slope shape:* Convex, linear  
*Across-slope shape:* Linear  
*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 3 inches:* loam  
*H2 - 3 to 9 inches:* loam  
*H3 - 9 to 60 inches:* indurated

##### Properties and qualities

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* 8 to 20 inches to petrocalcic  
*Drainage class:* Well drained  
*Runoff class:* Very high  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 15 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Very low (about 1.3 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7s

Map Unit Description: Kimbrough-Stegall loams, 0 to 3 percent slopes---Eddy Area, New Mexico

---

*Hydrologic Soil Group:* D  
*Ecological site:* R070BC025NM - Shallow  
*Hydric soil rating:* No

## Description of Stegall

### Setting

*Landform:* Plains, alluvial fans  
*Landform position (three-dimensional):* Rise  
*Down-slope shape:* Convex, linear  
*Across-slope shape:* Linear  
*Parent material:* Mixed alluvium and/or eolian sands

### Typical profile

*H1 - 0 to 5 inches:* loam  
*H2 - 5 to 28 inches:* clay loam  
*H3 - 28 to 32 inches:* indurated  
*H4 - 32 to 60 inches:* variable

### Properties and qualities

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* 20 to 40 inches to petrocalcic  
*Drainage class:* Well drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):* Low to moderately high (0.01 to 0.60 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 90 percent  
*Maximum salinity:* Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Low (about 4.8 inches)

### Interpretive groups

*Land capability classification (irrigated):* 3e  
*Land capability classification (nonirrigated):* 3e  
*Hydrologic Soil Group:* C  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

## Minor Components

### Simona

*Percent of map unit:* 5 percent  
*Ecological site:* R070BD002NM - Shallow Sandy  
*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 19, Sep 7, 2023

155°SE (T) LAT: 32.783821 LON: -104.189347 ±13ft ▲ 3677ft

## Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347

(800) 262-9892

Permit # TX00905

**Durango Midstream 10" Mainline - M&M Excavating  
Turkey Track ROW Seed Mix Field 3 Broadcast**

Lot/Sales # SO-80216

Kind & Variety	Pure Seed	Germ	Dormant	Hard Seed	Origin
Bluestem, Little "Cimarron" ( <i>Schizachyrium scoparium</i> )	11.05%	9.00%	90.00%	0.00%	TX
Bluestem, Silver "Santiago" ( <i>Bothriochloa saccharoides</i> )	3.73%	88.00%	10.00%	0.00%	TX
Dropseed, Sand ( <i>Sporobolus cryptandrus</i> )	1.24%	17.00%	81.00%	0.00%	TX
Grama, Blue ( <i>Bouteloua gracilis</i> )	50.14%	78.00%	19.00%	0.00%	TX
Grama, Sideoats "Haskell" ( <i>Bouteloua curtipendula</i> )	23.55%	86.00%	7.00%	0.00%	TX

Purity: 89.71%      Inert Matter: 10.21%      Other Crop Seed: 0.02%      Weed Seed: 0.20%

Noxious Weed Seed Per/Lb: None      Test Date: 10/2023      Net Wt: 33.3 lbs

reseeded area

Durango - 10" Main line seg 3  
24 Oct 2023, 08:08:36

S

SW

W

NW

180

210

240

270

300

330

☉ 264°W (T) LAT: 32.783854 LON: -104.189359 ±13ft ▲ 3673ft

# Bainert Seed Company Inc.

CR 1018 Muleshoe, TX 79347

(800) 262-9892

Permit # TX00905

## Millet Pearl "Hybrid" (Pennisetum glaucum)

Lot # 306-400-07A

Invoice #: SO-80217

Origin: TX

Test Date: 9/2023

Pure Seed: 99.81%

99.81%

Germination: 98.00%

98.00%

Inert: 0.19%

0.19%

Dormant: 0.00%

0.00%

Other Crop: 0.00%

0.00%

Hard: 0.00%

0.00%

Weed Seed: 0.00%

0.00%

Total Germination: 98.00%

98.00%

Pure Live Seed: 97.81%

Net Weight: ~~50~~ 40#

Noxious Weed Seed Per Pound: None

Durango - 10" Main line seg 3

24 Oct 2023, 08:10:54

reseeded area



☉ 142°SE (T) LAT: 32.783822 LON: -104.189396 ±9ft ▲ 3688ft

**Bamert Seed Company Inc.**  
 1897 CR 1018 Muleshoe, TX 79347 (800) 262-9892 Permit # TX00905

**Millet Pearl "Hybrid"**  
**(Pennisetum glaucum)**

Lot # 306-400-07A

Test Date: 9/2023

Pure Seed:	99.81%	Germination:	Origin: TX
Inert:	0.19%	Dormant:	98.00%
Other Crop:	0.00%	Hard:	0.00%
Weed Seed:	0.00%	Total Germination:	98.00%

Pure Live Seed: 97.81% Net Weight: ~~5000~~ 30 #

Noxious Weed Seed Per Pound: None

reseeded area

Durango - 10" Main line seg 3  
24 Oct 2023, 08:09:08

**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 286356

**CONDITIONS**

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 286356
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
bhall	Closure and reclamation approved. A revegetation report will need to be submitted but will not be accepted until revegetation is complete and meet the requirements of 19.15.29.13 NMAC.	3/15/2024
bhall	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeded activities, inspections, and final pictures when revegetation is achieved.	3/15/2024
bhall	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	3/15/2024