

Incident ID	nAPP2217225569 / nAPP2223655772
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Dale Woodall Title: Environmental Professional  
 Signature: Dale Woodall Date: 10/31/2022  
 email: dale.woodall@dnv.com Telephone: 405-318-4697

**OCD Only**

Received by: Jocelyn Harimon Date: 10/31/2022

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: Robert Hamlet Date: 1/3/2023  
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Incident ID	nAPP2217225569 / nAPP2223655772
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## 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?	>51 _____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input checked="" 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.

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Printed Name: Dale Woodall Title: Environment Professional

Signature: *Dale Woodall* Date: 10/31/2022

email: dale.woodall@dnr.com Telephone: 405-318-4697

**OCD Only**

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Printed Name: Dale Woodall Title: Environmental Professional  
 Signature: *Dale Woodall* Date: 10/31/2022  
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**OCD Only**

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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: \_\_\_\_\_



## SITE INFORMATION

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**Closure Report**  
**Longview Federal 1 #021H**  
**Eddy County, New Mexico**  
**Unit D Sec 01 T23S R28E**  
**32.338778°, -104.045741°**

**Incident #: NAPP2217225569**  
**Crude Oil Release**  
**Point of Release: Flare Fire**  
**Release Date: 06/20/2022**  
**Volume Released: 5.3 Barrels of Oil**  
**Volume Recovered: 0 Barrels of Oil**

**CARMONA RESOURCES**



**Incident #: NAPP2223655772**  
**Crude Oil Release**  
**Point of Release: Flare Fire**  
**Release Date: 08/22/2022**  
**Volume Released: 2 Barrels of Oil**  
**Volume Recovered: 0 Barrels of Oil**

**Prepared for:**  
**Devon Energy Corporation**  
**6488 Seven Rivers Highway**  
**Artesia, New Mexico 88210**

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

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



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October 13, 2022

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

**Re: Closure Report  
Longview Federal 1 #021H  
Devon Energy Corporation  
Incident ID NAPP2217225569  
Incident ID NAPP2223655772  
Site Location: Unit D Sec 01 T23S R28E  
(Lat 32.338778°, Long -104.045741°)  
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Devon Energy Corporation (Devon), Carmona Resources, LLC has prepared this letter to document site activities for the Longview Deep Fed 1-21. The site is located at 32.338778°, -104.045741° within Unit D, S01, T23S, R28E, in Eddy County, New Mexico (Figures 1 and 2).

### **1.0 Site information and Background**

Incident ID: NAPP2217225569

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on June 20, 2022, caused by a flare fire. It resulted in the release of approximately five-point-three (5.3) barrels of crude oil, and zero (0) barrels were recovered. See Figure 3 for the impacted areas. The initial C-141 form is attached in Appendix C.

Incident ID: NAPP2223655772

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 22, 2022, caused by a flare fire. It resulted in the release of approximately two (2) barrels of crude oil, and zero (0) barrels were recovered. See Figure 3 for the impacted areas. The initial C-141 form is attached in Appendix C.

### **2.0 Site Characterization and Groundwater**

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. However, two known PODs are located within a 0.50-mile radius of the location. The first POD was drilled on April 26, 2022, by Envirotech Drilling Services LLC and was onsite to drill a bore to 51 ft below ground surface and is located 0.14-miles from the location in S01, T23, R28E. No water was detected at 51' below the surface. The coordinates for the bore are 32.340593°, -104.045575°. See Appendix D for the plugging record. The second POD was drilled on April 14, 2022, by White Drilling Company, Inc and was onsite to drill a bore

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to 55 ft below ground surface and is located 0.45-miles from the location in S01, T23, R28E. No water was detected at 55' below the surface. The coordinates for the bore are 32.340897°, -104.038899°. See Appendix D for the plugging record.

### **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 + MRO).
- Chloride: 10,000 mg/kg.

### **4.0 Site Assessment Activities**

#### **Initial Assessment**

##### **Incident ID: NAPP2217225569**

On June 29, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of fourteen (14) samples were advanced to depths ranging from the surface – 2.0' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Envirotech Laboratories in Farmington, 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 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

##### **Incident ID: NAPP2223655772**

On August 31, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of seven (7) samples were advanced to depths ranging from the surface – 2.0' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Envirotech Laboratories in Farmington, 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 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

### **5.0 Remediation Activities**

Carmona Resources personnel were on site to collect confirmation samples once the remediation activities were complete. Before collecting composite confirmation samples, the NMOCD division office was notified via email on September 13, 2022, and September 22, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of ninety-nine (99) confirmation floor samples were collected (CS-1 through CS-99), and seventeen (17) sidewall samples (SW-1 through SW-17) 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 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the reclamation and regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 3,015 cubic yards of material were excavated and transported offsite for proper disposal.

**6.0 Conclusions**

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

Sincerely,

**Carmona Resources, LLC**

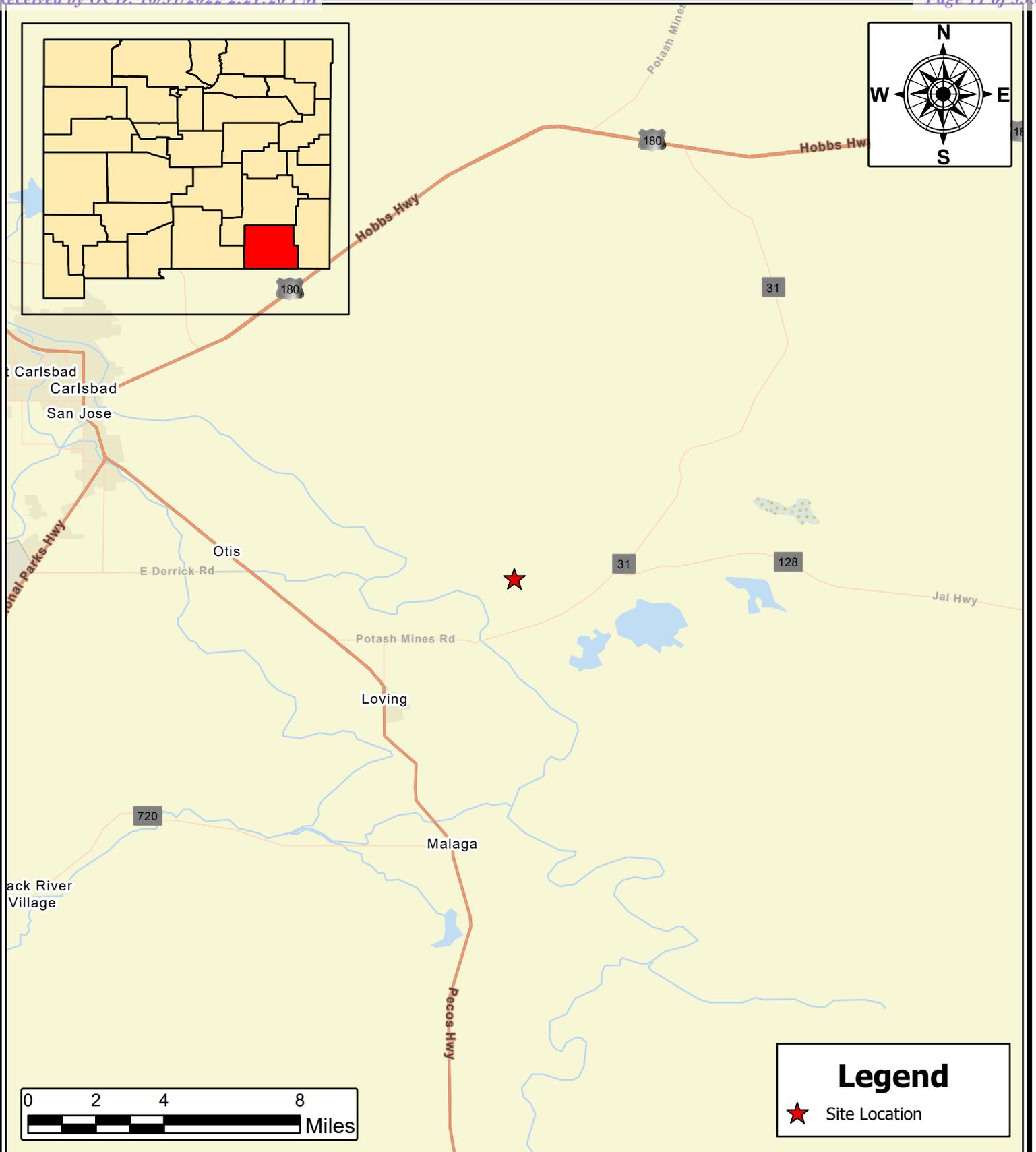
Mike Carmona  
Environmental Manager

Conner Moehring  
Sr. Project Manager

# FIGURES

CARMONA RESOURCES





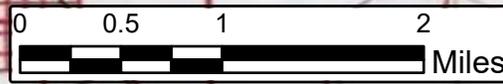
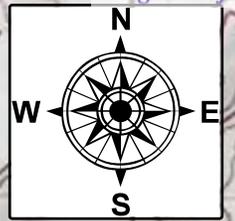
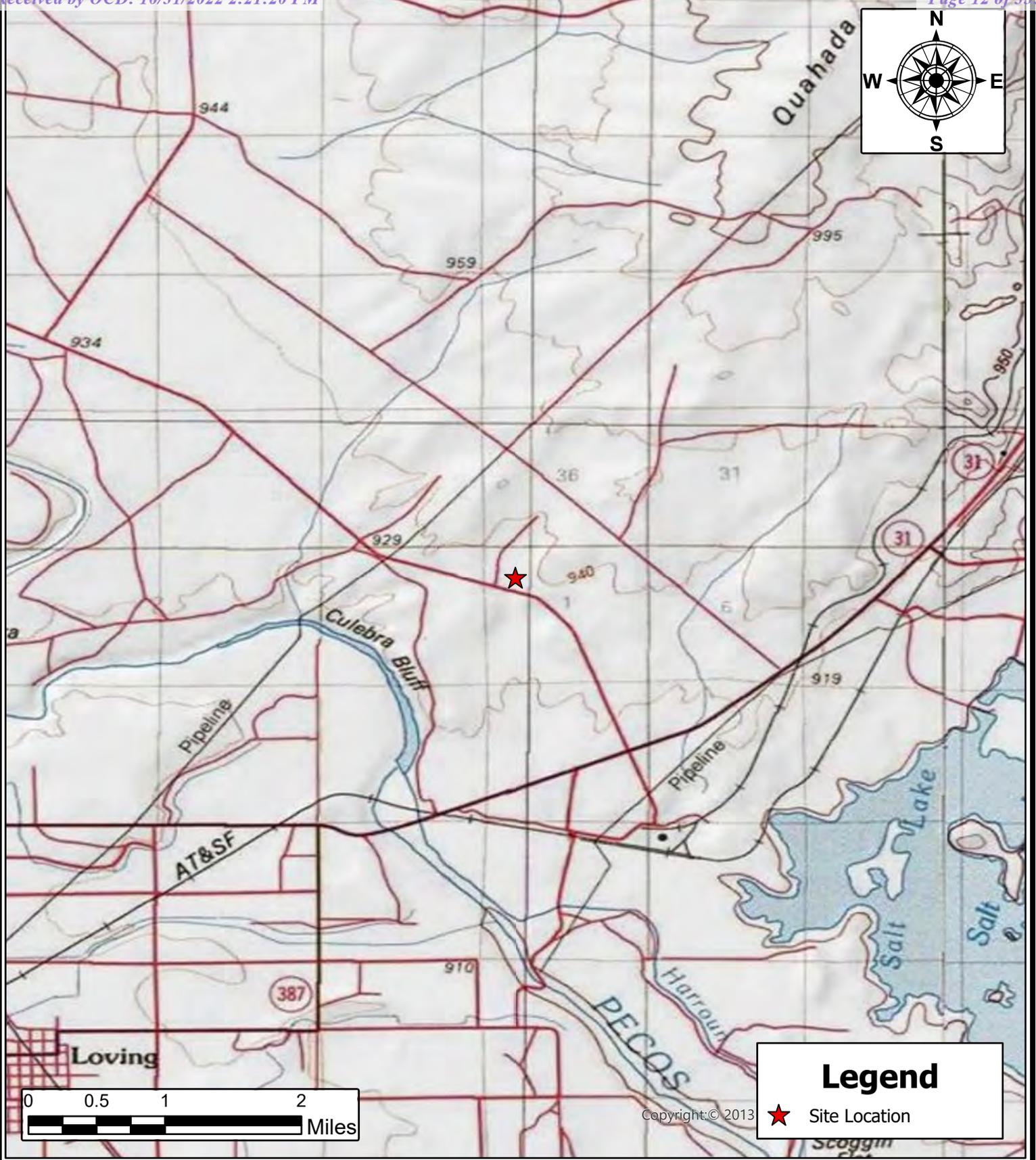
**OVERVIEW MAP  
DEVON ENERGY**  
 LONGVIEW FEDERAL 1 #021H  
 EDDY COUNTY, NEW MEXICO  
 32.338778, -104.045741

**CARMONA RESOURCES**  
  
**Carmona Resources**  
 310 West Wall Street, Suite 415  
 Midland, Texas 79701

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

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

SCALE: As Shown      Date: 7/13/2022



**Legend**

★ Site Location

Copyright © 2013

**TOPOGRAPHIC MAP**  
**DEVON ENERGY**  
 LONGVIEW FEDERAL 1 #021H  
 EDDY COUNTY, NEW MEXICO  
 32.338778, -104.045741

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**NOTES:**

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

DRAWING NUMBER:  
**FIGURE 2**

SHEET NUMBER:  
**1 of 1**

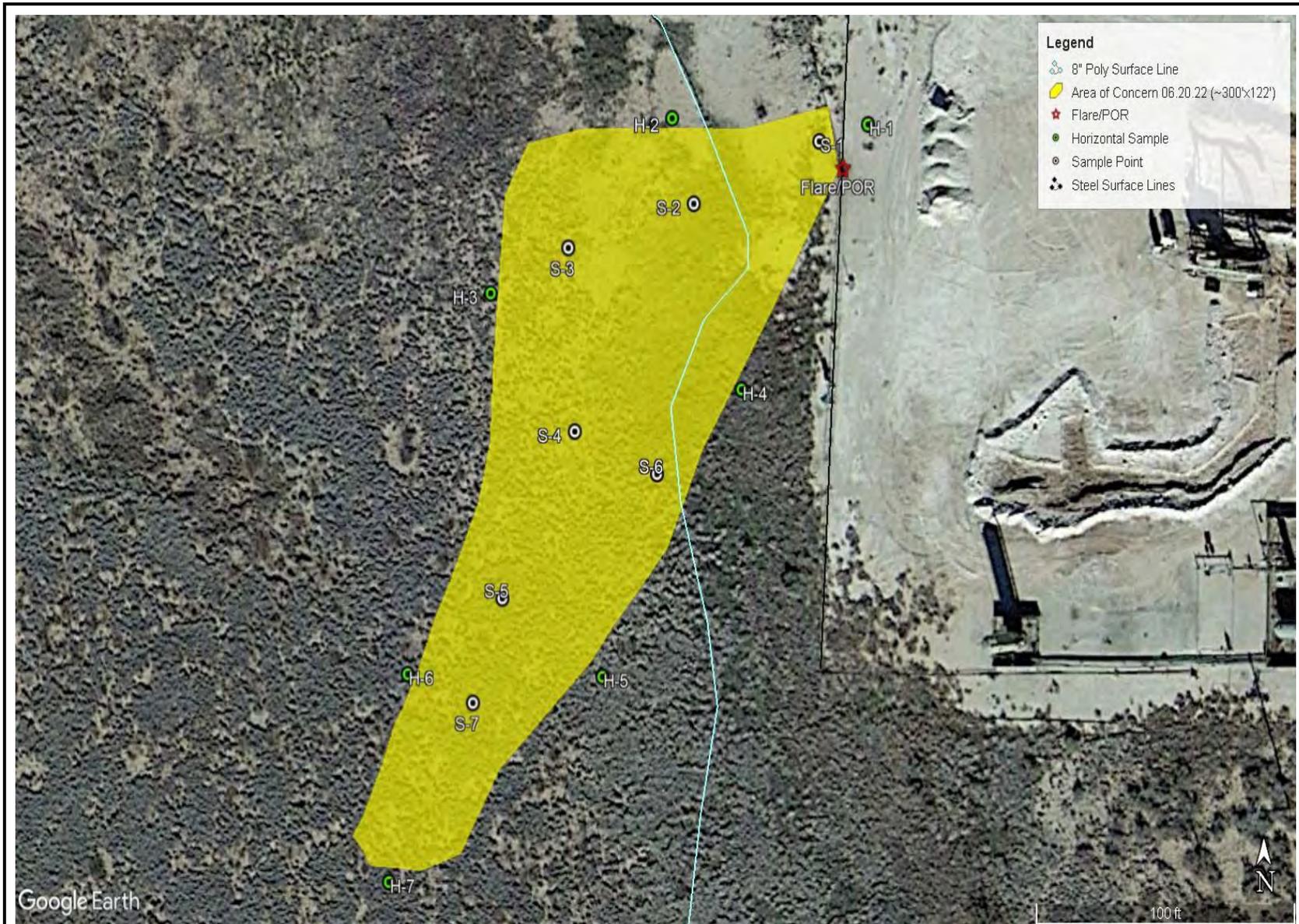
SCALE: As Shown      Date: 7/13/2022



SAMPLE LOCATION MAP OVERVIEW  
DEVON ENERGY  
LONGVIEW FEDERAL 1 #021H  
EDDY COUNTY, NEW MEXICO  
32.338778, -104.045741



FIGURE 3



SAMPLE LOCATION MAP  
DEVON ENERGY  
LONGVIEW FEDERAL 1 #021H  
EDDY COUNTY, NEW MEXICO  
32.338778, -104.045741



FIGURE 3A



SAMPLE LOCATION MAP  
DEVON ENERGY  
LONGVIEW FEDERAL 1 #021H  
EDDY COUNTY, NEW MEXICO  
32.338778, -104.045741



FIGURE 3B



EXCAVATION DEPTH MAP  
DEVON ENERGY  
LONGVIEW FEDERAL 1 #021H  
EDDY COUNTY, NEW MEXICO  
32.338778, -104.045741



FIGURE 4

# APPENDIX A

CARMONA RESOURCES



**Table 1**  
**Devon Energy**  
**Longview Federal 1 #021H (NAPP2217225569)**  
**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						
S-1	6/29/2022	0-0.25	465	26,900	8,440	<b>35,805</b>	2.11	32.4	13.6	115	<b>163</b>	ND
	"	0.5	515	34,400	10,400	<b>45,315</b>	1.97	32.3	14.7	118	<b>163</b>	ND
	"	1.5	ND	96.0	ND	96.0	ND	ND	ND	0.181	0.181	ND
	"	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-2	6/29/2022	0-0.25	402	33,200	10,400	<b>44,002</b>	2.15	28.8	12.0	96.0	<b>139</b>	ND
	"	0.5	ND	162	62.2	<b>224</b>	ND	ND	ND	0.0931	<b>139</b>	ND
	"	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.2
	"	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.7
S-3	6/29/2022	0-0.25	976	39,800	14,100	<b>54,876</b>	2.68	42.7	19.6	185	<b>250</b>	22.8
	"	0.5	ND	525	261	<b>786</b>	ND	ND	ND	0.240	0.24	ND
	"	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-4	6/29/2022	0-0.25	1,360	40,500	12,800	<b>54,660</b>	2.91	48.3	23.6	194	<b>269</b>	26.6
	"	0.5	ND	3,120	1,340	<b>4,460</b>	ND	ND	0.0403	0.530	0.5703	ND
	"	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.1
S-5	6/29/2022	0-0.25	589	44,600	17,300	<b>62,489</b>	2.21	32.6	15.6	115	<b>165</b>	21.8
	"	0.5	ND	370	174	<b>544</b>	ND	ND	0.0281	0.246	0.274	ND
	"	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-6	6/29/2022	0-0.25	ND	87.6	52.5	<b>140</b>	ND	ND	ND	ND	ND	29.4
	"	0.5	ND	113	66.3	<b>179</b>	ND	ND	ND	ND	ND	25.7
	"	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-7	6/29/2022	0-0.25	ND	142	85.0	<b>227</b>	ND	ND	ND	ND	ND	22.1
	"	0.5	ND	195	138	<b>333</b>	ND	ND	ND	ND	ND	23.5
	"	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-1	6/29/2022	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.8
H-2	6/29/2022	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-3	6/29/2022	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.5
H-4	6/29/2022	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.0
H-5	6/29/2022	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-6	6/29/2022	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-7	6/29/2022	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.2
<b>Regulatory Criteria<sup>A</sup></b>						<b>100 mg/kg</b>	<b>10 mg/kg</b>	-	-	-	<b>50 mg/kg</b>	<b>600 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

(S) Sample Point

(H) Horizontal

 Removed

**Table 1**  
**Devon Energy**  
**Longview Federal 1 #021H (NAPP2223655772)**  
**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						
S-1	8/31/2022	0.5	ND	768	426	1,194	ND	0.0495	ND	ND	0.0495	103
		1.0	ND	1,580	808	2,388	ND	ND	ND	ND	ND	121
	"	1.5	ND	47.4	52.4	99.9	ND	ND	ND	ND	ND	ND
	"	2.0	ND	115	104	219	ND	ND	ND	ND	ND	22.0
S-2	8/31/2022	0.5	ND	8,220	7,970	16,190	ND	ND	ND	ND	ND	27.3
		1.0	ND	37.8	ND	37.8	ND	ND	ND	ND	ND	88.1
	"	1.5	ND	54.6	ND	54.6	ND	ND	ND	ND	ND	71.8
	"	2.0	ND	176	155	331	ND	ND	ND	ND	ND	ND
S-3	8/31/2022	0.5	ND	5,890	ND	5,890	ND	ND	ND	ND	ND	31.2
		1.0	ND	119	101	219	ND	ND	ND	ND	ND	ND
	"	1.5	ND	123	101	224	ND	ND	ND	ND	ND	21.2
	"	2.0	ND	148	187	335	ND	ND	ND	ND	ND	36.3
H-1	8/31/2022	0.5	ND	82.0	105	187	ND	ND	ND	ND	ND	21.0
H-2	8/31/2022	0.5	ND	78.8	102	180	ND	ND	ND	ND	ND	ND
H-3	8/31/2022	0.5	ND	48.8	62.1	110	ND	ND	ND	ND	ND	ND
H-4	8/31/2022	0.5	ND	159	202	361	ND	ND	ND	ND	ND	34.8
<b>Regulatory Criteria<sup>A</sup></b>						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

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

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-Feet

(S) Sample Point

(H) Horizontal

 Removed

**Table 2  
Devon Energy  
Longview Federal 1 #021H  
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-1	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	105
CS-2	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	132
CS-3	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	125
CS-4	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	129
CS-5	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	113
CS-6	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	117
CS-7	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	132
CS-8	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	110
CS-9	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	237
CS-10	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	137
CS-11	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	168
CS-12	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	252
CS-13	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	112
CS-14	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	188
CS-15	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	297
CS-16	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	140
CS-17	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	315
CS-18	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	336
CS-19	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	414
CS-20	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	372
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 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  
Devon Energy  
Longview Federal 1 #021H  
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-21	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	254
CS-22	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	504
CS-23	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	349
CS-24	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	281
CS-25	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	208
CS-26	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	463
CS-27	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	401
CS-28	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	261
CS-29	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	384
CS-30	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	367
CS-31	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.4
CS-32	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	236
CS-33	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	132
CS-34	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	185
CS-35	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	327
CS-36	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	115
CS-37	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	420
CS-38	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	136
CS-39	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.0
CS-40	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 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  
Devon Energy  
Longview Federal 1 #021H  
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-41	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.1
CS-42	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	66.9
CS-43	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.9
CS-44	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.2
CS-45	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.3
CS-46	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.0
CS-47	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.7
CS-48	9/15/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.6
CS-49	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	101
CS-50	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-51	9/16/2022	3.0	ND	34.0	ND	34.0	ND	ND	ND	ND	ND	43.0
CS-52	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-53	9/16/2022	3.0	ND	25.6	ND	25.6	ND	ND	ND	ND	ND	61.0
CS-54	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-55	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	97.0
CS-56	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-57	9/19/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-58	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-59	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.5
CS-60	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	60.7
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 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**  
**Devon Energy**  
**Longview Federal 1 #021H**  
**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-61	9/16/2022	3.0	ND	28.2	ND	28.2	ND	ND	ND	ND	ND	122
CS-62	9/16/2022	3.0	ND	38.9	ND	38.9	ND	ND	ND	ND	ND	126
CS-63	9/16/2022	3.0	ND	39.2	ND	39.2	ND	ND	ND	ND	ND	48.0
CS-64	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-65	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	55.6
CS-66	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	55.9
CS-67	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.2
CS-68	9/16/2022	3.0	ND	52.4	ND	52.4	ND	ND	ND	ND	ND	149
CS-69	9/16/2022	3.0	ND	36.0	ND	36.0	ND	ND	ND	ND	ND	43.2
CS-70	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.0
CS-71	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-72	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-73	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-74	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-75	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-76	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-77	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-78	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-79	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-80	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<i>Regulatory Criteria</i> <sup>A</sup>						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 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  
Devon Energy  
Longview Federal 1 #021H  
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-81	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-82	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.9
CS-83	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-84	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-85	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-86	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-87	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-88	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-89	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-90	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-91	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-92	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-93	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-94	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	112
CS-95	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	243
CS-96	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	158
CS-97	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.8
CS-98	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	266
CS-99	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	122
<b>Regulatory Criteria<sup>A</sup></b>						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 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  
Devon Energy  
Longview Federal 1 #021H  
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	9/16/2022	3.0	ND	26.6	ND	26.6	ND	ND	ND	ND	ND	43.8
SW-2	9/16/2022	3.0	ND	32.0	ND	32.0	ND	ND	ND	ND	ND	40.8
SW-3	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-4	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.4
SW-5	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.4
SW-6	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-7	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.2
SW-8	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.0
SW-9	9/16/2022	3.0	ND	25.0	ND	25.0	ND	ND	ND	ND	ND	125
SW-10	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-11	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-12	9/16/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-13	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	138
SW-14	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.5
SW-15	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	185
SW-16	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	103
SW-17	9/26/2022	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	133
<b>Regulatory Criteria<sup>A</sup></b>						<b>100 mg/kg</b>	<b>10 mg/kg</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50 mg/kg</b>	<b>600 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

## Devon Energy Corporation

### Photograph No. 1

**Facility:** Longview Federal 1 #021H

**County:** Eddy County, New Mexico

**Description:**  
View Southwest, area of confirmation samples (1-35).



### Photograph No. 2

**Facility:** Longview Federal 1 #021H

**County:** Eddy County, New Mexico

**Description:**  
View North, area of confirmation samples (30-69).



### Photograph No. 3

**Facility:** Longview Federal 1 #021H

**County:** Eddy County, New Mexico

**Description:**  
View East, are of confirmation samples (70-99).



## 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	
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

### Location of Release Source

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

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 total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

State of New Mexico  
Oil Conservation Division

Page 2

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

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

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: _____ Title: _____ Signature: <u>Kendra Ruiz</u> Date: _____ email: _____ Telephone: _____
<b><u>OCD Only</u></b> Received by: <u>Jocelyn Harimon</u> Date: <u>07/15/2022</u>

<b>Spill Volume(Bbls) Calculator</b>	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>37679</u>	<u>0.063</u>
Cubic Feet of Soil Impacted	<u>197.815</u>
Barrels of Soil Impacted	<u>35.26</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>5.29</u>
Saturation	Damp no fluid when squeezed
Estimated Barrels of Oil Released	0.53
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>0</u>	<u>0.000</u>
Standing fluid	<u>0.000</u>
<b>Total fluids spilled</b>	<b><u>5.289</u></b>

**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 125879

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 125879
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	None	7/15/2022

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

State of New Mexico  
Energy Minerals and Natural  
Resources Department

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

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

Incident ID	nAPP2223655772
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone 405-318-4697
Contact email dale.woodall@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

### Location of Release Source

Latitude 32.338773° Longitude -104.045740°  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name LONGVIEW FEDERAL 1 # 021H	Site Type Oil Production
Date Release Discovered 08/22/2022	API# (if applicable) 30-015-40651

Unit Letter	Section	Township	Range	County
D	01	24S	28E	LEA

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 checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 2	Volume Recovered (bbls) 0
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release The Eddy County EMS had contacted Devon needing a Devon person to respond to the Longview 1-21 Battery due to a fire in the pasture around the flare on location at 10:53 PM. 2 Night Operators were dispatched to the location to shut in the well and equipment at the battery. By the time the Operators arrived on location the fire had been extinguished, wells and battery were shut in.

State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2223655772
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? <b>FIRE</b>
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, by Dale Woodall, via NOV portal on 08/24/2022	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
--

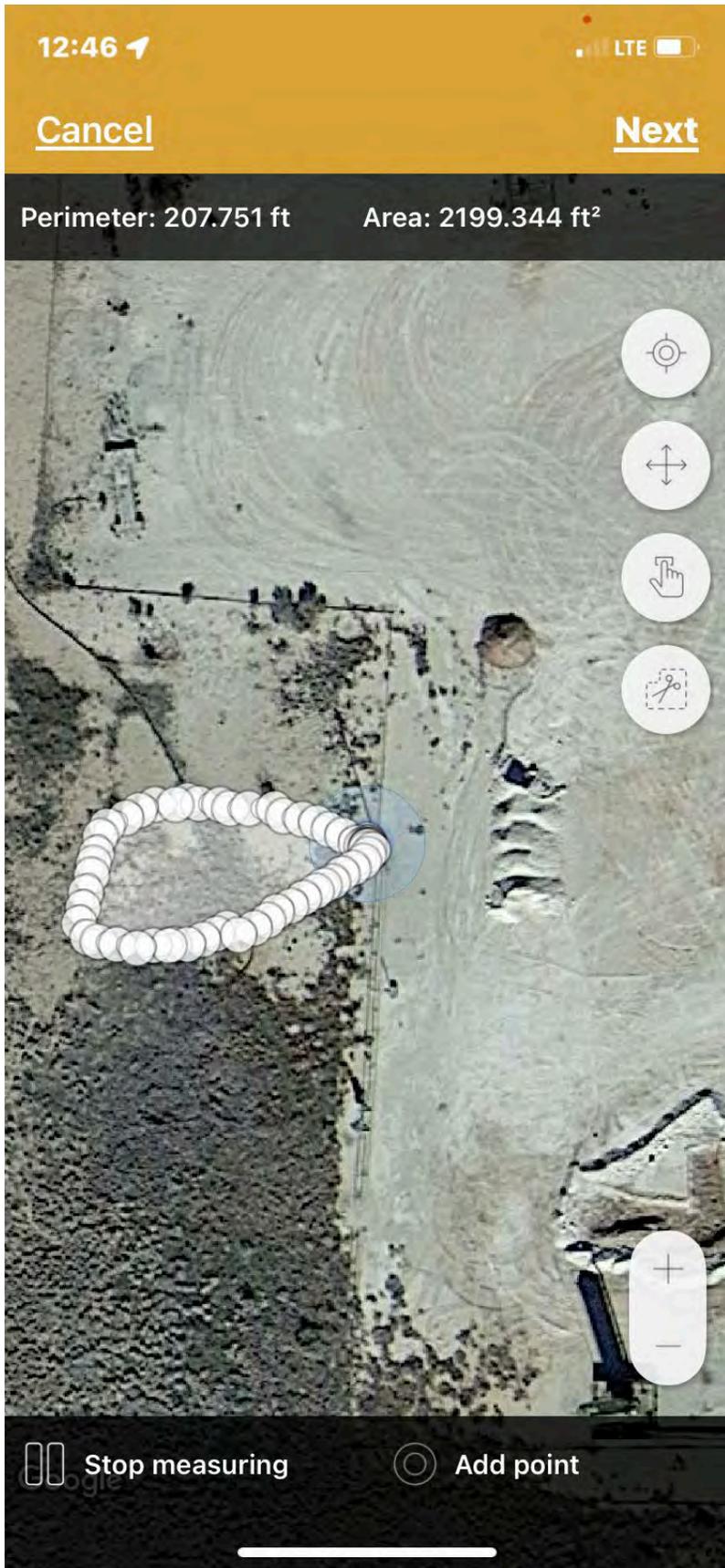
If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Dale Woodall Title: Environmental Professional  
 Signature: Dale Woodall Date: 08/29/2022  
 email: dale.woodall@dvn.com Telephone: 405-318-4697

**OCD Only**  
 Received by: Jocelyn Harimon Date: 08/29/2022





**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 138933

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 138933
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	None	8/30/2022

Incident ID	
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<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 1/2-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: Dale Woodall Date: \_\_\_\_\_

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

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

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

Signature: Dale Woodall Date: \_\_\_\_\_

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

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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

---

**From:** Mike Carmona  
**Sent:** Monday, June 27, 2022 2:13 PM  
**To:** OCD.Enviro@state.nm.us  
**Cc:** Woodall, Dale; Conner Moehring  
**Subject:** Devon Energy Longview 1-21

Good Afternoon,

Carmona Resources will be doing an initial assessment at the below-referenced site on 6/29/22. Once the remediation activities begin, we will follow up with another email for confirmation sampling. Please let me know if you have any questions.

Site Name: Devon Energy Longview 1-21  
Incident No. NAPP2217225569

Mike J. Carmona  
310 West Wall Street, Suite 415  
Midland TX, 79701  
M: 432-813-1992  
[Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com)

---

**From:** Conner Moehring  
**Sent:** Tuesday, September 13, 2022 1:15 PM  
**To:** OCD.Enviro@state.nm.us  
**Cc:** Mike Carmona; Woodall, Dale; chad.upshaw@dvn.com  
**Subject:** Devon - Longview Deep Federal 1-21 - Sampling Notification

Good Afternoon,

On behalf of Devon, Carmona Resources will collect confirmation samples at the below-referenced site on 09/15/22 around 12:15 p.m. Mountain Time. Please let me know if you have any questions.

Longview Deep Fed 1-21  
Sec 01 T23S R28E Unit D  
32.338763°, -104.045735°  
Eddy County, New Mexico

Conner R. Moehring  
310 West Wall Street, Suite 415  
Midland Texas, 79701  
M: 432-813-6823  
Cmoehring@carmonaresources.com

CARMONA RESOURCES



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**From:** Nobui, Jennifer, EMNRD  
**Sent:** Thursday, September 22, 2022 3:11 PM  
**To:** Mike Carmona  
**Cc:** Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD  
**Subject:** FW: [EXTERNAL] Devon - Longview Deep Fed 1-21 Sampling Notification (2nd Release)

Mike

Thank you for the notification. Please 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.

Thanks,  
Jennifer Nobui

---

**From:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Sent:** Thursday, September 22, 2022 1:57 PM  
**To:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>; Nobui, Jennifer, EMNRD <[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)>; Harimon, Jocelyn, EMNRD <[Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)>; Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)>; Velez, Nelson, EMNRD <[Nelson.Velez@emnrd.nm.gov](mailto:Nelson.Velez@emnrd.nm.gov)>  
**Subject:** Fw: [EXTERNAL] Devon - Longview Deep Fed 1-21 Sampling Notification (2nd Release)

---

**From:** Mike Carmona <[Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com)>  
**Sent:** Thursday, September 22, 2022 12:50 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Woodall, Dale <[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)>; Upshaw, Chad (Contract) <[chad.upshaw@dvn.com](mailto:chad.upshaw@dvn.com)>; Conner Moehring <[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)>  
**Subject:** [EXTERNAL] Devon - Longview Deep Fed 1-21 Sampling Notification (2nd Release)

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

Good Afternoon,

On behalf of Devon Energy, Carmona Resources will collect confirmation samples at the below-referenced site on 09/26/22 around 1:30 p.m. Mountain Time. Please let me know if you have any questions.

Longview Deep Fed 1-21(2<sup>nd</sup> release.)  
Sec 01 T23S R28E Unit D  
32.338763°, -104.045735°  
Eddy County, New Mexico

Mike J. Carmona

## APPENDIX D

CARMONA RESOURCES



# Nearest water well

Devon Energy

**Legend**

- 0.14 Miles
- 0.45 Miles
- 0.50 Mile Radius
- Devon - Longview Federal 1-21
- NMSEO Water Well



>51' - Drilled 2022

>55' - Drilled 2021

Devon - Longview Federal 1-21

605

605

U.S. Refinery Rd

Pecos River

2000 ft

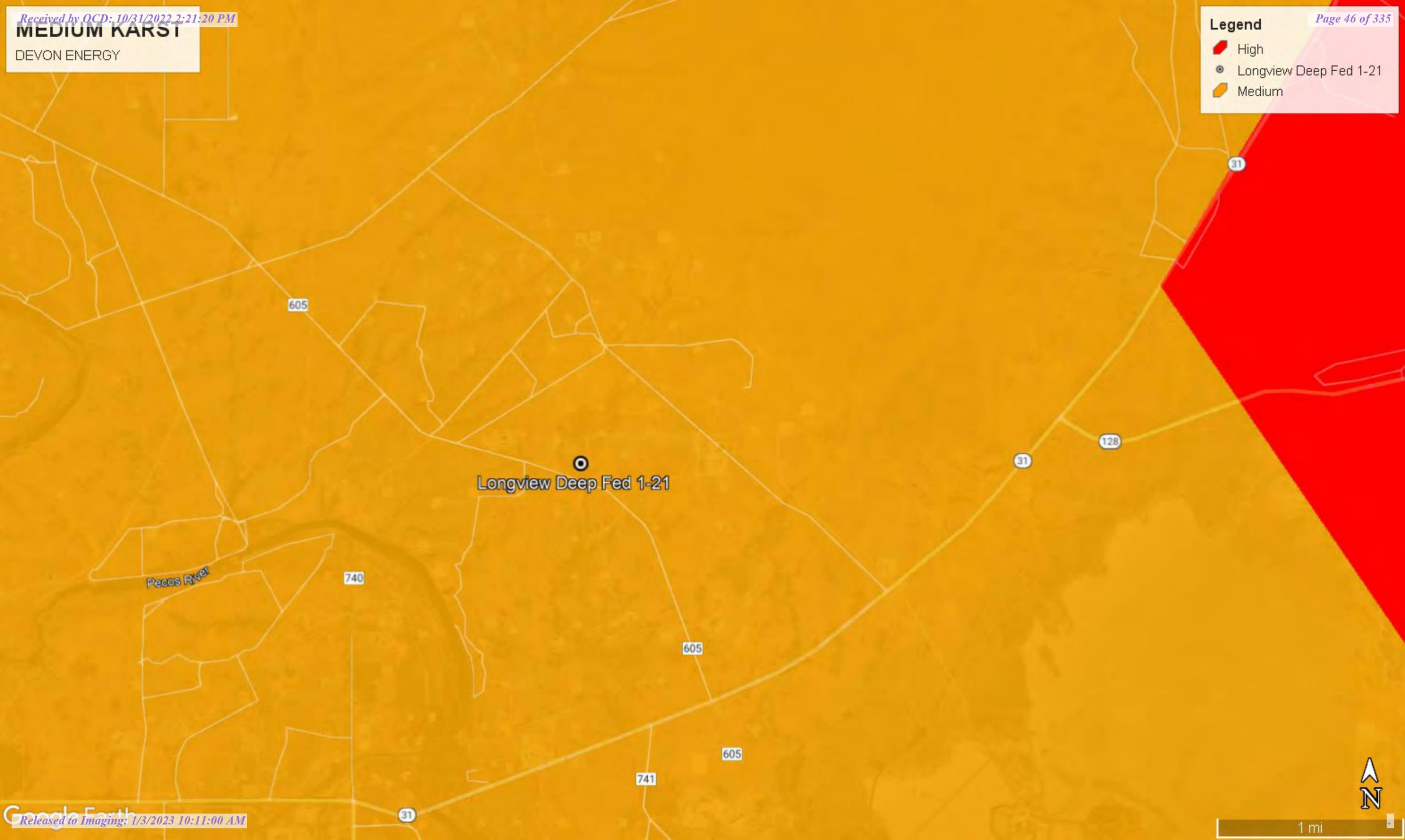


**Legend**

-  High
-  Longview Deep Fed 1-21
-  Medium

**MEDIUM KARST**

DEVON ENERGY





# 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="#">C 04609 POD1</a>	CUB	ED	2	1	1	01	23S	28E	589816	3578589	203	51				
<a href="#">C 04417 POD1</a>	CUB	ED	4	3	3	36	22S	28E	589736	3578874	492	55				
<a href="#">C 04524 POD1</a>	CUB	ED	1	1	2	01	23S	28E	590452	3578629	691	55				
<a href="#">C 04539 POD1</a>	CUB	ED	2	4	2	01	23S	28E	591034	3578223	1240	55				
<a href="#">C 04418 POD1</a>	CUB	ED	4	2	1	12	23S	28E	590104	3576851	1563	55				
<a href="#">C 04216 POD3</a>	CUB	ED	1	4	1	11	23S	28E	588501	3576556	2246	23	13	10		
<a href="#">C 04216 POD2</a>	CUB	ED	1	4	1	11	23S	28E	588465	3576555	2268	20	10	10		
<a href="#">C 04216 POD1</a>	CUB	ED	2	4	1	11	23S	28E	588488	3576534	2271	20	10	10		
<a href="#">C 00512 CLW198323</a>	O	CUB	ED	4	1	1	11	23S	28E	588167	3576806*	2275	100			
<a href="#">C 00512 S</a>	CUB	ED	4	1	1	11	23S	28E	588167	3576806*	2275	100				
<a href="#">C 00109</a>	CUB	ED	1	3	3	04	23S	27E	588486	3576531	2275	168	120	48		
<a href="#">C 00512 EXPL</a>	O	CUB	ED			1	11	23S	28E	588272	3576703*	2276	200	16	184	
<a href="#">C 00512</a>	CUB	ED	4	1	1	11	23S	28E	588188	3576775	2281	175	15	160		
<a href="#">C 04216 POD4</a>	CUB	ED	2	4	1	11	23S	28E	588499	3576513	2282	20	10	10		
<a href="#">C 04584 POD1</a>	CUB	ED	3	1	4	12	23S	28E	590392	3576064	2395	63				
<a href="#">C 00608</a>	C	ED	3	3	1	11	23S	28E	587970	3576401*	2702	200				
<a href="#">C 04470 POD1</a>	CUB	ED	3	1	3	07	23S	29E	591280	3576086	2732					
<a href="#">C 00315</a>	CUB	ED	3	1	3	11	23S	28E	587973	3575995*	3011	100	45	55		
<a href="#">C 01216</a>	CUB	ED	4	1	1	13	23S	28E	589801	3575205*	3181	60	45	15		
<a href="#">C 03469 POD3</a>	CUB	ED	3	4	3	11	23S	28E	588381	3575538	3183	47				
<a href="#">C 03469 POD1</a>	CUB	ED	3	4	3	11	23S	28E	588374	3575538	3186	68	38	30		
<a href="#">C 03469 POD2</a>	CUB	ED	3	4	3	11	23S	28E	588382	3575506	3211	48				
<a href="#">C 04584 POD2</a>	CUB	ED	4	2	1	13	23S	28E	590250	3575123	3292	34	19	15		
<a href="#">C 02702</a>	C	ED			2	13	23S	28E	590715	3575108*	3402	38	20	18		
<a href="#">C 04584 POD3</a>	CUB	ED	3	2	2	13	23S	28E	590887	3575129	3432	31				
<a href="#">C 04451 POD1</a>	C	ED	4	4	4	10	23S	28E	587833	3575521	3477	120	57	63		

\*UTM location was derived from PLSS - see Help

(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 6	Q 4	Q 16	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">C 03460 POD1</a>	CUB	ED	3	1	2	14	23S	28E	588857	3575004		3511	100	38	62
<a href="#">C 02804</a>	CUB	ED	2	1	08	23S	29E	593262	3576905*		3761	100			
<a href="#">C 02805</a>	CUB	ED	2	1	08	23S	29E	593262	3576905*		3761	100			
<a href="#">C 00235</a>	C	ED	2	2	15	23S	28E	587676	3575280*		3765	160			
<a href="#">C 04588 POD1</a>	CUB	ED	2	2	2	04	23S	28E	586043	3578720		3776	50		
<a href="#">C 01214</a>	CUB	ED	1	2	3	13	23S	28E	590010	3574597*		3794	70	20	50
<a href="#">C 00616</a>	CUB	ED	1	3	1	14	23S	28E	587982	3574978*		3864	120	30	90
<a href="#">C 01967</a>	C	ED	2	3	13	23S	28E	590111	3574498*		3900	264	200	64	

Average Depth to Water: **41 feet**  
 Minimum Depth: **10 feet**  
 Maximum Depth: **200 feet**

Record Count: 34

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

**Easting (X):** 589804.29

**Northing (Y):** 3578386.14

**Radius:** 4000

\*UTM location was derived from PLSS - see Help

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



# New Mexico Office of the State Engineer

## Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)				
		(quarters are smallest to largest)				X	Y			
NA	C 04609 POD1	Q64	Q16	Q4	Sec	Tws	Rng			
		2	1	1	01	23S	28E	589816	3578589	

---

<b>Driller License:</b> 1757	<b>Driller Company:</b> ENVIROTECH DRILLING SERVICES LLC	
<b>Driller Name:</b> DAVID DRAYBUCK		
<b>Drill Start Date:</b> 04/26/2022	<b>Drill Finish Date:</b> 04/26/2022	<b>Plug Date:</b> 04/26/2022
<b>Log File Date:</b> 05/26/2022	<b>PCW Rev Date:</b>	<b>Source:</b>
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b>
<b>Casing Size:</b>	<b>Depth Well:</b> 51 feet	<b>Depth Water:</b>

---

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.

10/25/22 2:26 PM

POINT OF DIVERSION SUMMARY



# PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

**I. GENERAL / WELL OWNERSHIP:**

State Engineer Well Number: C-4609-POD1  
Well owner: Novo Oil & Gas Northern Delaware, LLC Phone No.: 405-286-3916  
Mailing address: 1001 W. Wilshire Blvd., Suite 206  
City: Oklahoma City State: Oklahoma Zip code: 73116

**II. WELL PLUGGING INFORMATION:**

- 1) Name of well drilling company that plugged well: Envirotech Drilling Services
- 2) New Mexico Well Driller License No.: NM-1757 Expiration Date: 1/31/2024
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): David Drayback
- 4) Date well plugging began: 4/26/2022 Date well plugging concluded: 4/26/2022
- 5) GPS Well Location: Latitude: 32 deg, 20 min, 26.14 sec  
Longitude: 104 deg, 02 min, 44.11 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 51 ft below ground level (bgl),  
by the following manner: Tape Measure
- 7) Static water level measured at initiation of plugging: DRY ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 4/15/2022
- 9) Were all plugging activities consistent with an approved plugging plan? YES If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Not Applicable

USE DJT MAY 26 2022 PM 1:06

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
0-51'	Portland Cement with Bentonite Grout	47 gallons	47 gallons	pump mix with tremie pipe	Dry hole, no well set, soil boring only

USE DIT MAY 26 2022 PM 1:06

MULTIPLY	BY	AND OBTAIN
cubic feet x	7.4805	= gallons
cubic yards x	201.97	= gallons

**III. SIGNATURE:**

I, David Drayback, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.



Signature of Well Driller

5-20-22

Date



# 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>Tw</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
NA	C 04524 POD1	1	1	2	01	23S	28E	590452	3578629

**Driller License:** 1456                      **Driller Company:** WHITE DRILLING COMPANY

**Driller Name:** NOVO OIL & GAS NORTHERN DELAWARE LLC

**Drill Start Date:** 04/13/2021              **Drill Finish Date:** 04/14/2021              **Plug Date:**

**Log File Date:** 05/10/2021              **PCW Rev Date:**                                      **Source:**

**Pump Type:**                                      **Pipe Discharge Size:**                                      **Estimated Yield:**

**Casing Size:**                                      **Depth Well:** 55 feet                                      **Depth Water:**

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.

10/25/22 2:26 PM

POINT OF DIVERSION SUMMARY

John R. D Antonio, Jr., P.E.  
State Engineer



Roswell Office  
1900 WEST SECOND STREET  
ROSWELL, NM 88201

**STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 691333  
File Nbr: C 04524  
Well File Nbr: C 04524 POD1

May. 12, 2021

BRYAN HANEY  
ALTAMIRA-US LLC  
14229 PUNTA BONAIRE  
CORPUS CHRISTI, TX 78416

Greetings:

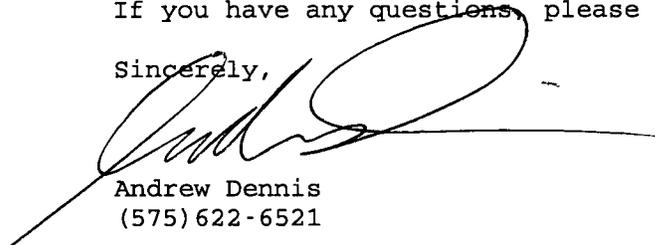
The above numbered permit was issued in your name on 04/13/2021.

The Well Record was received in this office on 05/10/2021, stating that it had been completed on 04/14/2021, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 04/02/2022.

If you have any questions, please feel free to contact us.

Sincerely,



Andrew Dennis  
(575) 622-6521

drywell



# PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

### I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4524POD 1 (SB-1)  
 Well owner: Novo Oil & Gas Northern Delaware, LLC Phone No.: 405-286-3916  
 Mailing address: 1001 W. Wilshire Blvd. Suite 206  
 City: Oklahoma City State: OK Zip code: 73116

### II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: White Drilling Company, Inc.
- 2) New Mexico Well Driller License No.: WD-1456 Expiration Date: 09/30/2022
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): William Atkins
- 4) Date well plugging began: 04/14/2021 Date well plugging concluded: 04/14/2021
- 5) GPS Well Location: Latitude: 32 deg, 20 min, 27.26 sec  
Longitude: 104 deg, 02 min, 19.79 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),  
by the following manner: Steel Tape
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 04/15/2021
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

SEE DTI MAY 10 2021 10:08:57

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

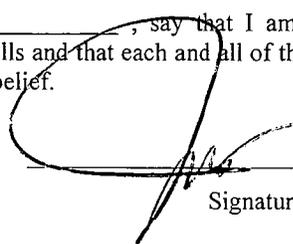
For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
0 55	Portland Bentonite Grout	10.79 Gal		Pump Mix w/trimie pipe	

MULTIPLY	BY	AND OBTAIN
cubic feet x	7.4805	= gallons
cubic yards x	201.97	= gallons

**III. SIGNATURE:**

I, John White, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.



Signature of Well Driller

11/3/2020  
Date



# PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

**I. GENERAL / WELL OWNERSHIP:**

State Engineer Well Number: C-4524POD 1 (SB-1)  
Well owner: Novo Oil & Gas Northern Delaware, LLC Phone No.: 405-286-3916  
Mailing address: 1001 W. Wilshire Blvd. Suite 206  
City: Oklahoma City State: OK Zip code: 73116

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- 6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),  
by the following manner: Steel Tape
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 04/15/2021
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE 011 MAY 10 2021 10:07:57

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

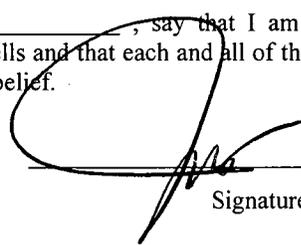
For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
0 55	Portland Bentonite Grout	10.79 Gal		Pump Mix w/trimie pipe	

MULTIPLY	BY	AND OBTAIN
cubic feet x	7.4805	= gallons
cubic yards x	201.97	= gallons

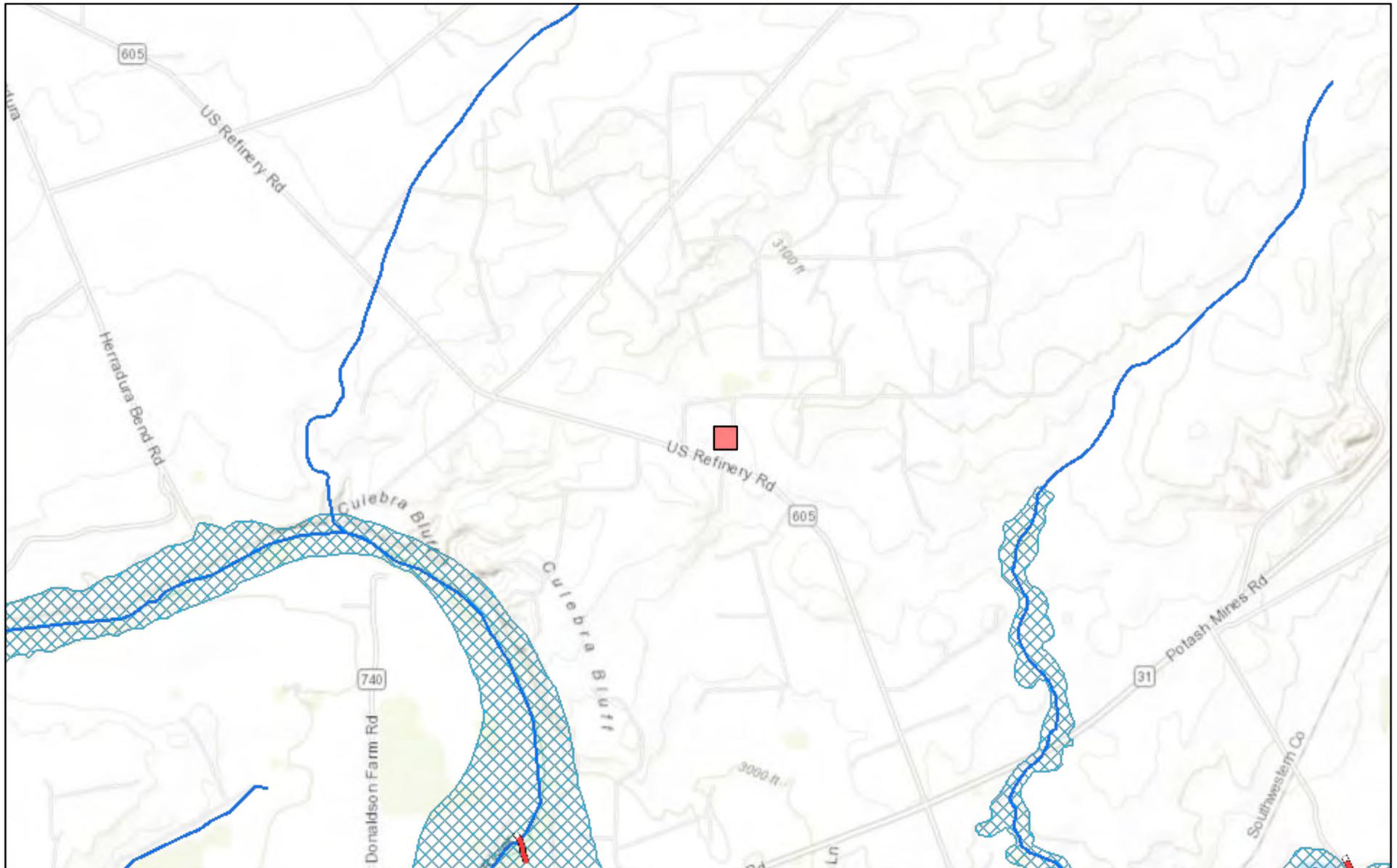
**III. SIGNATURE:**

I, John White, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

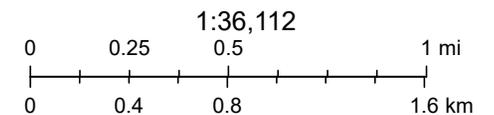
  
\_\_\_\_\_  
Signature of Well Driller

11/3/2020  
Date

# New Mexico NFHL Data



July 1, 2022



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

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

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

## APPENDIX E

CARMONA RESOURCES



Report to:  
Mike Carmona



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Devon Energy - Carlsbad

Project Name: Longview 1 - 21

Work Order: E206243

Job Number: 01058-0007

Received: 6/30/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/8/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/8/22



Mike Carmona  
6488 7 Rivers Hwy  
Artesia, NM 88210

Project Name: Longview 1 - 21  
Workorder: E206243  
Date Received: 6/30/2022 11:35:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/30/2022 11:35:00AM, under the Project Name: Longview 1 - 21.

The analytical test results summarized in this report with the Project Name: Longview 1 - 21 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

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**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Longview 1 - 21  
Project Number: 01058-0007  
Project Manager: Mike Carmona

**Reported:**  
07/08/22 16:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
H-1 (0 - 0.5')	E206243-01A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
H-2 (0 - 0.5')	E206243-02A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
H-3 (0 - 0.5')	E206243-03A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
H-4 (0 - 0.5')	E206243-04A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
H-5 (0 - 0.5')	E206243-05A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
H-6 (0 - 0.5')	E206243-06A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
H-7 (0 - 0.5')	E206243-07A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-1 (0 - 3")	E206243-08A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-1 (6")	E206243-09A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-1 (1.5')	E206243-10A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-1 (2')	E206243-11A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-2 (0 - 3")	E206243-12A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-2 (6")	E206243-13A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-2 (1')	E206243-14A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-2 (1.5')	E206243-15A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-3 (0 - 3")	E206243-16A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-3 (6")	E206243-17A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-3 (1')	E206243-18A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-4 (0 - 3")	E206243-19A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-4 (6")	E206243-20A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.



## Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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### H-1 (0 - 0.5')

#### E206243-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	46.8	20.0	1	07/06/22	07/07/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Longview 1 - 21  
Project Number: 01058-0007  
Project Manager: Mike Carmona

**Reported:**  
7/8/2022 4:37:26PM

## H-2 (0 - 0.5')

## E206243-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.3 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.0 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
		116 %	50-200	07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



## Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	Reported: 7/8/2022 4:37:26PM
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## H-3 (0 - 0.5')

## E206243-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.6 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.7 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>		115 %	50-200	07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	59.5	20.0	1	07/06/22	07/07/22	



## Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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## H-4 (0 - 0.5')

## E206243-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.6 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>		90.5 %	50-200	07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	38.0	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
---	--	--

**H-5 (0 - 0.5')**

**E206243-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.8 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.0 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
		124 %	50-200	07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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**H-6 (0 - 0.5')**

**E206243-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.4 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.0 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
		121 %	50-200	07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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**H-7 (0 - 0.5')**

**E206243-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.9 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>		111 %	50-200	07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	21.2	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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**S-1 (0 - 3")**

**E206243-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	2.11	0.250	10	07/06/22	07/08/22	
Ethylbenzene	13.6	0.250	10	07/06/22	07/08/22	
Toluene	32.4	0.250	10	07/06/22	07/08/22	
o-Xylene	32.0	0.250	10	07/06/22	07/08/22	
p,m-Xylene	82.7	0.500	10	07/06/22	07/08/22	
Total Xylenes	115	0.250	10	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	465	200	10	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	26900	2500	100	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	8440	5000	100	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
		452 %	50-200	07/06/22	07/06/22	S5
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



## Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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## S-1 (6")

## E206243-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	1.97	0.250	10	07/06/22	07/08/22	
Ethylbenzene	14.7	0.250	10	07/06/22	07/08/22	
Toluene	32.3	0.250	10	07/06/22	07/08/22	
o-Xylene	33.3	0.250	10	07/06/22	07/08/22	
p,m-Xylene	84.9	0.500	10	07/06/22	07/08/22	
Total Xylenes	118	0.250	10	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	515	200	10	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	34400	2500	100	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	10400	5000	100	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>		522 %	50-200	07/06/22	07/07/22	S5
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



## Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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## S-1 (1.5')

## E206243-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	<b>0.0627</b>	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	<b>0.118</b>	0.0500	1	07/06/22	07/08/22	
Total Xylenes	<b>0.181</b>	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.6 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	<b>96.0</b>	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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**S-1 (2')**

**E206243-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.6 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.5 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>						
		122 %	50-200	07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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**S-2 (0 - 3")**

**E206243-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	2.15	0.250	10	07/06/22	07/08/22	
Ethylbenzene	12.0	0.250	10	07/06/22	07/08/22	
Toluene	28.8	0.250	10	07/06/22	07/08/22	
o-Xylene	27.0	0.250	10	07/06/22	07/08/22	
p,m-Xylene	69.0	0.500	10	07/06/22	07/08/22	
Total Xylenes	96.0	0.250	10	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	402	200	10	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.0 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	33200	2500	100	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	10400	5000	100	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>						
		509 %	50-200	07/06/22	07/07/22	S5
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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S-2 (6")

E206243-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	<b>0.0299</b>	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	<b>0.0633</b>	0.0500	1	07/06/22	07/08/22	
Total Xylenes	<b>0.0931</b>	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.1 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.9 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	<b>162</b>	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	<b>62.2</b>	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>		114 %	50-200	07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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**S-2 (1')**

**E206243-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.2 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>		117 %	50-200	07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	41.2	20.0	1	07/06/22	07/07/22	



## Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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## S-2 (1.5')

## E206243-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.8 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>		117 %	50-200	07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	26.7	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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**S-3 (0 - 3")**

**E206243-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	2.68	0.250	10	07/06/22	07/08/22	
Ethylbenzene	19.6	0.250	10	07/06/22	07/08/22	
Toluene	42.7	0.250	10	07/06/22	07/08/22	
o-Xylene	52.1	0.250	10	07/06/22	07/08/22	
p,m-Xylene	133	0.500	10	07/06/22	07/08/22	
Total Xylenes	185	0.250	10	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	976	200	10	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	39800	2500	100	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	14100	5000	100	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>		469 %	50-200	07/06/22	07/07/22	S5
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	22.8	20.0	1	07/06/22	07/07/22	



## Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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S-3 (6")

E206243-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	<b>0.0757</b>	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	<b>0.164</b>	0.0500	1	07/06/22	07/08/22	
Total Xylenes	<b>0.240</b>	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	<b>525</b>	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	<b>261</b>	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>		118 %	50-200	07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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**S-3 (1')**

**E206243-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		119 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>						
		116 %	50-200	07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



## Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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S-4 (0 - 3")

E206243-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	2.91	0.250	10	07/06/22	07/08/22	
Ethylbenzene	23.6	0.250	10	07/06/22	07/08/22	
Toluene	48.3	0.250	10	07/06/22	07/08/22	
o-Xylene	52.9	0.250	10	07/06/22	07/08/22	
p,m-Xylene	141	0.500	10	07/06/22	07/08/22	
Total Xylenes	194	0.250	10	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	1360	200	10	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		126 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	40500	2500	100	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	12800	5000	100	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>		552 %	50-200	07/06/22	07/07/22	S5
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	26.6	20.0	1	07/06/22	07/07/22	



## Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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S-4 (6")

E206243-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	<b>0.0403</b>	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	<b>0.165</b>	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	<b>0.364</b>	0.0500	1	07/06/22	07/08/22	
Total Xylenes	<b>0.530</b>	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		119 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	<b>3120</b>	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	<b>1340</b>	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>		141 %	50-200	07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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#### Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2228027-BLK1)**

Prepared: 07/06/22 Analyzed: 07/08/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.7	70-130			

**LCS (2228027-BS1)**

Prepared: 07/06/22 Analyzed: 07/08/22

Benzene	4.96	0.0250	5.00		99.3	70-130			
Ethylbenzene	4.39	0.0250	5.00		87.8	70-130			
Toluene	4.70	0.0250	5.00		94.0	70-130			
o-Xylene	4.57	0.0250	5.00		91.5	70-130			
p,m-Xylene	9.05	0.0500	10.0		90.5	70-130			
Total Xylenes	13.6	0.0250	15.0		90.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.6	70-130			

**LCS Dup (2228027-BSD1)**

Prepared: 07/06/22 Analyzed: 07/08/22

Benzene	5.04	0.0250	5.00		101	70-130	1.43	20	
Ethylbenzene	4.45	0.0250	5.00		89.0	70-130	1.32	20	
Toluene	4.76	0.0250	5.00		95.3	70-130	1.37	20	
o-Xylene	4.66	0.0250	5.00		93.2	70-130	1.80	20	
p,m-Xylene	9.18	0.0500	10.0		91.8	70-130	1.40	20	
Total Xylenes	13.8	0.0250	15.0		92.2	70-130	1.53	20	
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2228027-BLK1)**

Prepared: 07/06/22 Analyzed: 07/08/22

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

**LCS (2228027-BS2)**

Prepared: 07/06/22 Analyzed: 07/08/22

Gasoline Range Organics (C6-C10)	45.2	20.0	50.0		90.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			

**LCS Dup (2228027-BSD2)**

Prepared: 07/06/22 Analyzed: 07/08/22

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.5	70-130	1.13	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2228025-BLK1)**

Prepared: 07/06/22 Analyzed: 07/06/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.9		50.0		116	50-200			

**LCS (2228025-BS1)**

Prepared: 07/06/22 Analyzed: 07/06/22

Diesel Range Organics (C10-C28)	470	25.0	500		93.9	38-132			
Surrogate: n-Nonane	54.4		50.0		109	50-200			

**Matrix Spike (2228025-MS1)**

Source: E206243-09

Prepared: 07/06/22 Analyzed: 07/07/22

Diesel Range Organics (C10-C28)	30900	2500	500	34400	NR	38-132			M4
Surrogate: n-Nonane	244		50.0		487	50-200			S5

**Matrix Spike Dup (2228025-MSD1)**

Source: E206243-09

Prepared: 07/06/22 Analyzed: 07/07/22

Diesel Range Organics (C10-C28)	30300	2500	500	34400	NR	38-132	2.10	20	M4
Surrogate: n-Nonane	227		50.0		454	50-200			S5



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 4:37:26PM
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#### Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2228018-BLK1)**

Prepared: 07/06/22 Analyzed: 07/07/22

Chloride	ND	20.0							
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**LCS (2228018-BS1)**

Prepared: 07/06/22 Analyzed: 07/07/22

Chloride	251	20.0	250		100	90-110			
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**Matrix Spike (2228018-MS1)**

Source: E206243-01

Prepared: 07/06/22 Analyzed: 07/07/22

Chloride	300	20.0	250	46.8	101	80-120			
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**Matrix Spike Dup (2228018-MSD1)**

Source: E206243-01

Prepared: 07/06/22 Analyzed: 07/07/22

Chloride	299	20.0	250	46.8	101	80-120	0.201	20	
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QC Summary Report Comment:

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



### Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Longview 1 - 21	
6488 7 Rivers Hwy	Project Number:	01058-0007	<b>Reported:</b>
Artesia NM, 88210	Project Manager:	Mike Carmona	07/08/22 16:37

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Released to Imaging: 7/5/2023 10:11:00 AM

Client: Devon Energy  
 Project: Languew 1-21  
 Project Manager: Mike Carmona  
 Address: 310 West Wall St Suite 415  
 City, State, Zip Midland, Tx 79701  
 Phone: 432-813-9044  
 Email: mcarmona@ccarmonaresources  
 Report due by: 72 hr turn around

Bill To  
 Attention: Dale Woodall  
 Address: Devon Energy  
 City, State, Zip Midland Tx  
 Phone:  
 Email:  
 Work Order # 21029594

Lab Use Only  
 Lab WO# E2010243 Job Number 01058-0007  
 TAT  
 1D 2D 3D Standard  
 EPA Program  
 CWA SDWA

Analysis and Method  
 DRO/ORO by 8015  
 GRO/DRO by 8015  
 BTEX by 8021  
 VOC by 8260  
 Metals 6010  
 Chloride 300.0  
 BGDOC - NM  
 TCEQ 1005 TX-TPH  
 State  
 NM CO UT AZ TX  
 RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	TCEQ 1005 TX-TPH	Remarks
	6/29	S	1	H-1(0-0.5')	1	X	X	X			X			
				H-2(0-0.5')	2	X	X	X			X			
				H-3(0-0.5')	3	X	X	X			X			
				H-4(0-0.5')	4	X	X	X			X			
				H-5(0-0.5')	5	X	X	X			X			
				H-6(0-0.5')	6	X	X	X			X			
				H-7(0-0.5')	7	X	X	X			X			
				S-1(0-3")	8	X	X	X			X			
				S-1(6")	9	X	X	X			X			
				S-1(1.5')	10	X	X	X			X			

Additional Instructions: CCM

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<i>[Signature]</i>	6/29	6:14	<i>[Signature]</i>	6-29-22	10:14
<i>[Signature]</i>	6-29	4:15	<i>[Signature]</i>	6/30/22	11:35
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only  
 Received on ice:  Y  N  
 T1 \_\_\_\_\_ T2 \_\_\_\_\_ T3 \_\_\_\_\_  
 AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



Received by: OCD - 10/31/2022 2:21:20 PM

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Released to Imaging: 1/3/2023 10:11:00 AM

Received by: OGD - 10/31/2022 2:21:20 PM

Client: Devon Energy  
 Project: Longview 1-21  
 Project Manager: Mike Carmona  
 Address: \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Report due by: \_\_\_\_\_

Bill To  
 Attention: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_

Lab Use Only  
 Lab WO# E200243 Job Number 01058-0007  
 Analysis and Method  
 1D 2D 3D Standard  
 EPA Program  
 CWA SDWA  
 RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	TCEQ 1005 TX-TPH	State	Remarks
														NM CO UT AZ TX	
	6/29	S	1	S-1(2')	11	X	X	X			X				
				S-2(0-3")	12	X	X	X			X				
				S-2(6")	13	X	X	X			X				
				S-2(1')	14	X	X	X			X				
				S-2(1.5')	15	X	X	X			X				
				S-3(0-3")	16	X	X	X			X				
				S-3(6")	17	X	X	X			X				
				S-3(1')	18	X	X	X			X				
				S-4(0-3")	19	X	X	X			X				
				S-4(6")	20	X	X	X			X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: \_\_\_\_\_

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>6/29</u>	Time <u>16:14</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>6-29-20</u>	Time <u>16:14</u>	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>6-29-20</u>	Time <u>4:15</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>6/30/22</u>	Time <u>11:35</u>	
Relinquished by: (Signature) _____	Date _____	Time _____	Received by: (Signature) _____	Date _____	Time _____	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



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Envirotech Analytical Laboratory

Printed: 6/30/2022 2:06:41PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	06/30/22 11:35	Work Order ID:	E206243
Phone:	(575) 748-0176	Date Logged In:	06/30/22 12:42	Logged In By:	Caitlin Christian
Email:	mcarmona@carmonaresources.com	Due Date:	07/07/22 17:00 (4 day TAT)		

**Chain of Custody (COC)**

- 1. Does the sample ID match the COC? Yes
  - 2. Does the number of samples per sampling site location match the COC? Yes
  - 3. Were samples dropped off by client or carrier? Yes
  - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
  - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: UPS

**Comments/Resolution**

Project has been separated into 2 reports due to amount of samples received. Workorders are as follows: E206243 COC pg 1&2 of 4, E206244 COC pg 3&4 of 4. Time sampled not provided on COC.

**Sample Turn Around Time (TAT)**

- 6. Did the COC indicate standard TAT, or Expedited TAT? No

**Sample Cooler**

- 7. Was a sample cooler received? Yes
  - 8. If yes, was cooler received in good condition? Yes
  - 9. Was the sample(s) received intact, i.e., not broken? Yes
  - 10. Were custody/security seals present? No
  - 11. If yes, were custody/security seals intact? NA
  - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

Report to:  
Mike Carmona



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Devon Energy - Carlsbad

Project Name: Longview 1 - 21

Work Order: E206244

Job Number: 01058-0007

Received: 6/30/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/8/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/8/22



Mike Carmona  
6488 7 Rivers Hwy  
Artesia, NM 88210

Project Name: Longview 1 - 21  
Workorder: E206244  
Date Received: 6/30/2022 11:35:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/30/2022 11:35:00AM, under the Project Name: Longview 1 - 21.

The analytical test results summarized in this report with the Project Name: Longview 1 - 21 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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Office: 505-632-1881  
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**Alexa Michaels**  
Sample Custody Officer  
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**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Longview 1 - 21  
Project Number: 01058-0007  
Project Manager: Mike Carmona

**Reported:**  
07/08/22 11:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-4 (1')	E206244-01A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-5 (0 - 3")	E206244-02A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-5 (6")	E206244-03A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-5 (1')	E206244-04A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-6 (0 - 3")	E206244-05A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-6 (6")	E206244-06A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-6 (1')	E206244-07A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-7 (0 - 3")	E206244-08A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-7 (6")	E206244-09A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-7 (1')	E206244-10A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.
S-1 (1.5')	E206244-11A	Soil	06/29/22	06/30/22	Glass Jar, 4 oz.



## Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 11:30:02AM
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## S-4 (1')

## E206244-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.6 %	70-130	07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.5 %	70-130	07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>		121 %	50-200	07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228019
Chloride	28.1	20.0	1	07/06/22	07/06/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 11:30:02AM
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**S-5 (0 - 3")**

**E206244-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	2.21	0.250	10	07/06/22	07/07/22	
Ethylbenzene	15.6	0.250	10	07/06/22	07/07/22	
Toluene	32.6	0.250	10	07/06/22	07/07/22	
o-Xylene	32.1	0.250	10	07/06/22	07/07/22	
p,m-Xylene	83.1	0.500	10	07/06/22	07/07/22	
Total Xylenes	115	0.250	10	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	589	200	10	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.7 %	70-130	07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228024
Diesel Range Organics (C10-C28)	44600	2500	100	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	17300	5000	100	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>		169 %	50-200	07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228019
Chloride	21.8	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 11:30:02AM
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**S-5 (6")**

**E206244-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	<b>0.0281</b>	0.0250	1	07/06/22	07/07/22	
Toluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	<b>0.0782</b>	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	<b>0.168</b>	0.0500	1	07/06/22	07/07/22	
Total Xylenes	<b>0.246</b>	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.3 %	70-130	07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.8 %	70-130	07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228024
Diesel Range Organics (C10-C28)	<b>370</b>	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	<b>174</b>	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
		112 %	50-200	07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228019
Chloride	ND	20.0	1	07/06/22	07/07/22	



## Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	Reported: 7/8/2022 11:30:02AM
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## S-5 (1')

## E206244-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.8 %	70-130	07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228019
Chloride	ND	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 11:30:02AM
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**S-6 (0 - 3")**

**E206244-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.2 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.9 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228024
Diesel Range Organics (C10-C28)	87.6	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	52.5	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228019
Chloride	29.4	20.0	1	07/06/22	07/07/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Longview 1 - 21  
Project Number: 01058-0007  
Project Manager: Mike Carmona

**Reported:**  
7/8/2022 11:30:02AM

S-6 (6")

E206244-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.0 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228024
Diesel Range Organics (C10-C28)	113	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	66.3	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228019
Chloride	25.7	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 11:30:02AM
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**S-6 (1')**

**E206244-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.3 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.7 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228019
Chloride	ND	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 11:30:02AM
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**S-7 (0 - 3")**

**E206244-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.2 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2228024
Diesel Range Organics (C10-C28)	142	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	85.0	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>		140 %	50-200	07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2228019
Chloride	22.1	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 11:30:02AM
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**S-7 (6")**

**E206244-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.6 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.3 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228024
Diesel Range Organics (C10-C28)	195	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	138	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>						
		108 %	50-200	07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228019
Chloride	23.5	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 11:30:02AM
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**S-7 (1')**

**E206244-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.7 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.0 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228019
Chloride	ND	20.0	1	07/06/22	07/07/22	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 11:30:02AM
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**S-1 (1.5')**

**E206244-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	ND	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.7 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.5 %	70-130	07/06/22	07/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228024
Diesel Range Organics (C10-C28)	93.5	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>						
		112 %	50-200	07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228019
Chloride	ND	20.0	1	07/06/22	07/07/22	



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 11:30:02AM
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#### Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2228028-BLK1)**

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

**LCS (2228028-BS1)**

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	4.99	0.0250	5.00		99.9	70-130			
Ethylbenzene	4.43	0.0250	5.00		88.6	70-130			
Toluene	4.73	0.0250	5.00		94.6	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.13	0.0500	10.0		91.3	70-130			
Total Xylenes	13.7	0.0250	15.0		91.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			

**LCS Dup (2228028-BSD1)**

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	5.06	0.0250	5.00		101	70-130	1.31	20	
Ethylbenzene	4.49	0.0250	5.00		89.9	70-130	1.48	20	
Toluene	4.80	0.0250	5.00		96.0	70-130	1.47	20	
o-Xylene	4.67	0.0250	5.00		93.4	70-130	1.59	20	
p,m-Xylene	9.27	0.0500	10.0		92.7	70-130	1.49	20	
Total Xylenes	13.9	0.0250	15.0		92.9	70-130	1.52	20	
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 11:30:02AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2228028-BLK1)**

Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

**LCS (2228028-BS2)**

Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			

**LCS Dup (2228028-BSD2)**

Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.0	70-130	2.67	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 11:30:02AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2228024-BLK1)**

Prepared: 07/06/22 Analyzed: 07/06/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	55.2		50.0		110	50-200			

**LCS (2228024-BS1)**

Prepared: 07/06/22 Analyzed: 07/06/22

Diesel Range Organics (C10-C28)	493	25.0	500		98.5	38-132			
Surrogate: <i>n</i> -Nonane	29.3		50.0		58.5	50-200			

**Matrix Spike (2228024-MS1)**

Source: E207013-04

Prepared: 07/06/22 Analyzed: 07/06/22

Diesel Range Organics (C10-C28)	561	25.0	500	ND	112	38-132			
Surrogate: <i>n</i> -Nonane	56.9		50.0		114	50-200			

**Matrix Spike Dup (2228024-MSD1)**

Source: E207013-04

Prepared: 07/06/22 Analyzed: 07/06/22

Diesel Range Organics (C10-C28)	563	25.0	500	ND	113	38-132	0.331	20	
Surrogate: <i>n</i> -Nonane	55.4		50.0		111	50-200			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Longview 1 - 21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 7/8/2022 11:30:02AM
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#### Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2228019-BLK1)**

Prepared: 07/06/22 Analyzed: 07/06/22

Chloride	ND	20.0							
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**LCS (2228019-BS1)**

Prepared: 07/06/22 Analyzed: 07/06/22

Chloride	251	20.0	250		101	90-110			
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**Matrix Spike (2228019-MS1)**

Source: E207013-01

Prepared: 07/06/22 Analyzed: 07/06/22

Chloride	380	20.0	250	130	100	80-120			
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**Matrix Spike Dup (2228019-MSD1)**

Source: E207013-01

Prepared: 07/06/22 Analyzed: 07/06/22

Chloride	385	20.0	250	130	102	80-120	1.41	20	
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QC Summary Report Comment:

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



### Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Longview 1 - 21	
6488 7 Rivers Hwy	Project Number:	01058-0007	<b>Reported:</b>
Artesia NM, 88210	Project Manager:	Mike Carmona	07/08/22 11:30

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Released to Imaging: 1/3/2023 10:11:00 AM

Received by OCD: 10/31/2022 2:21:20 PM

Client: <u>Devon Energy</u> Project: <u>Longview 1-21</u> Project Manager: <u>Mike Carmona</u> Address: _____ City, State, Zip _____ Phone: _____ Email: _____ Report due by: _____	Bill To Attention: <u>Dale Woodall</u> Address: <u>Devon Energy</u> City, State, Zip _____ Phone: _____ Email: _____	Lab Use Only Lab WO# <u>E200244</u> Job Number <u>01058-0007</u>	TAT 1D _____ 2D _____ 3D _____	EPA Program CWA _____ SDWA _____ RCRA _____
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	TCEQ 1005 TX-TPH	State					Remarks	
														NM	CO	UT	AZ	TX		
	<u>6/29</u>	<u>S</u>	<u>1</u>	<u>S-4 (1')</u>	<u>1</u>	X	X	X			X									
				<u>S-5 (0-3")</u>	<u>2</u>	X	X	X			X									
				<u>S-5 (6")</u>	<u>3</u>	X	X	X			X									
				<u>S-5 (1')</u>	<u>4</u>	X	X	X			X									
				<u>S-6 (0-3")</u>	<u>5</u>	X	X	X			X									
				<u>S-6 (6")</u>	<u>6</u>	X	X	X			X									
				<u>S-6 (1')</u>	<u>7</u>	X	X	X			X									
				<u>S-7 (0-3")</u>	<u>8</u>	X	X	X			X									
				<u>S-7 (6")</u>	<u>9</u>	X	X	X			X									
				<u>S-7 (1')</u>	<u>10</u>	X	X	X			X									

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	<u>6/29</u>	<u>16:14</u>	<u>[Signature]</u>	<u>6-29-22</u>	<u>16:14</u>	
Relinquished by: (Signature)	<u>6-29-22</u>	<u>4:15</u>	<u>[Signature]</u>	<u>10/30/22</u>	<u>11:35</u>	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



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Released to Imaging: 1/3/2023 10:11:00 AM

Received by: OCD - 10/31/2022 2:21:20 PM

Client: <u>Devon Energy</u>		Bill To		Lab Use Only			TAT			EPA Program						
Project: <u>Longview 1-21</u>		Attention: _____		Lab WO# <u>E206244</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: <u>Mike Carmora</u>		Address: _____		Analysis and Method									RCRA			
Address: _____		City, State, Zip _____		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	TCEQ 1005 TX-TPH	State				
City, State, Zip _____		Phone: _____										NM	CO	UT	AZ	TX
Phone: _____		Email: _____										Remarks				
Report due by: _____																

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	TCEQ 1005 TX-TPH	Remarks
	6/29	S	1	S-1(1.5')	11	X	X	X		X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) _____	Date <u>6/29</u>	Time <u>16:14</u>	Received by: (Signature) _____	Date <u>6/29</u>	Time <u>16:11</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) _____	Date <u>6-29</u>	Time <u>2:15</u>	Received by: (Signature) _____	Date <u>6/30/22</u>	Time <u>11:35</u>	
Relinquished by: (Signature) _____	Date _____	Time _____	Received by: (Signature) _____	Date _____	Time _____	

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other \_\_\_\_\_

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, **v** - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



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**Envirotech Analytical Laboratory**

Printed: 6/30/2022 2:16:23PM

**Sample Receipt Checklist (SRC)**

**Instructions:** Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	06/30/22 11:35	Work Order ID:	E206244
Phone:	(575) 748-0176	Date Logged In:	06/30/22 12:45	Logged In By:	Caitlin Christian
Email:	mcarmona@carmonaresources.com	Due Date:	07/07/22 17:00 (4 day TAT)		

**Chain of Custody (COC)**

- 1. Does the sample ID match the COC? Yes
  - 2. Does the number of samples per sampling site location match the COC? Yes
  - 3. Were samples dropped off by client or carrier? Yes
  - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
  - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: UPS

**Sample Turn Around Time (TAT)**

- 6. Did the COC indicate standard TAT, or Expedited TAT? No

**Sample Cooler**

- 7. Was a sample cooler received? Yes
  - 8. If yes, was cooler received in good condition? Yes
  - 9. Was the sample(s) received intact, i.e., not broken? Yes
  - 10. Were custody/security seals present? No
  - 11. If yes, were custody/security seals intact? NA
  - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Comments/Resolution**

Project has been separated into 2 reports due to amount of samples received. Workorders are as follows: E206243 COC pg 1&2 of 4, E206244 COC pg 3&4 of 4. Time sampled not provided on COC.

**Client Instruction**

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

\_\_\_\_\_  
Date



envirotech Inc.

Report to:  
Mike Carmona



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Carmona Resources

Project Name: Longview 1-21 2nd Release

Work Order: E209004

Job Number: 01058-0007

Received: 9/2/2022

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/6/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 9/6/22

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

Project Name: Longview 1-21 2nd Release  
Workorder: E209004  
Date Received: 9/2/2022 10:14:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/2/2022 10:14:00AM, under the Project Name: Longview 1-21 2nd Release.

The analytical test results summarized in this report with the Project Name: Longview 1-21 2nd Release apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
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Cell: 775-287-1762  
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Sample Custody Officer  
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**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

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

Project Name: Longview 1-21 2nd Release  
Project Number: 01058-0007  
Project Manager: Mike Carmona

**Reported:**  
09/06/22 16:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-1 (0 - 0.5')	E209004-01A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
S-1 (1')	E209004-02A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
S-1 (1.5')	E209004-03A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
S-1 (2')	E209004-04A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
S-2 (0 - 0.5')	E209004-05A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
S- (1')	E209004-06A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
S-2 (1.5')	E209004-07A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
S-2 (2')	E209004-08A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
S-3 (0 - 0.5')	E209004-09A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
S-3 (1')	E209004-10A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
S-3 (1.5')	E209004-11A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
S-3 (2')	E209004-12A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
H-1 (0 - 0.5')	E209004-13A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
H-2 (0 - 0.5')	E209004-14A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
H-3 (0 - 0.5')	E209004-15A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.
H-4 (0 - 0.5')	E209004-16A	Soil	08/31/22	09/02/22	Glass Jar, 4 oz.



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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## S-1 (0 - 0.5')

## E209004-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/02/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/02/22	
Toluene	<b>0.0495</b>	0.0250	1	09/02/22	09/02/22	
o-Xylene	ND	0.0250	1	09/02/22	09/02/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/02/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	<b>768</b>	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	<b>426</b>	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		113 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	<b>103</b>	20.0	1	09/02/22	09/02/22	



## Sample Data

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

Project Name: Longview 1-21 2nd Release  
Project Number: 01058-0007  
Project Manager: Mike Carmona

**Reported:**  
9/6/2022 4:20:40PM

## S-1 (1')

## E209004-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/02/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/02/22	
Toluene	ND	0.0250	1	09/02/22	09/02/22	
o-Xylene	ND	0.0250	1	09/02/22	09/02/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/02/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		94.3 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		94.3 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	<b>1580</b>	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	<b>808</b>	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		128 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	<b>121</b>	20.0	1	09/02/22	09/02/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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**S-1 (1.5')**

**E209004-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/02/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/02/22	
Toluene	ND	0.0250	1	09/02/22	09/02/22	
o-Xylene	ND	0.0250	1	09/02/22	09/02/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/02/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		94.4 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		94.4 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	47.4	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	52.4	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		117 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	ND	20.0	1	09/02/22	09/02/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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**S-1 (2')**

**E209004-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/02/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/02/22	
Toluene	ND	0.0250	1	09/02/22	09/02/22	
o-Xylene	ND	0.0250	1	09/02/22	09/02/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/02/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		94.0 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		94.0 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	<b>115</b>	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	<b>104</b>	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		127 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	<b>22.0</b>	20.0	1	09/02/22	09/02/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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**S-2 (0 - 0.5')**

**E209004-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/02/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/02/22	
Toluene	ND	0.0250	1	09/02/22	09/02/22	
o-Xylene	ND	0.0250	1	09/02/22	09/02/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/02/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		96.7 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		95.7 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		96.7 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		95.7 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	<b>8220</b>	2500	100	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	<b>7970</b>	5000	100	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		%	50-200	09/02/22	09/02/22	S6
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	<b>27.3</b>	20.0	1	09/02/22	09/02/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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**S- (1')**  
**E209004-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/03/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/03/22	
Toluene	ND	0.0250	1	09/02/22	09/03/22	
o-Xylene	ND	0.0250	1	09/02/22	09/03/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/03/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/03/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/02/22	09/03/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.6 %	70-130	09/02/22	09/03/22	
<i>Surrogate: Toluene-d8</i>		94.6 %	70-130	09/02/22	09/03/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/03/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/02/22	09/03/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.6 %	70-130	09/02/22	09/03/22	
<i>Surrogate: Toluene-d8</i>		94.6 %	70-130	09/02/22	09/03/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	37.8	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		169 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	88.1	20.0	1	09/02/22	09/02/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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**S-2 (1.5')**

**E209004-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/03/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/03/22	
Toluene	ND	0.0250	1	09/02/22	09/03/22	
o-Xylene	ND	0.0250	1	09/02/22	09/03/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/03/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/03/22	
<i>Surrogate: Bromofluorobenzene</i>		98.6 %	70-130	09/02/22	09/03/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	09/02/22	09/03/22	
<i>Surrogate: Toluene-d8</i>		95.3 %	70-130	09/02/22	09/03/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/03/22	
<i>Surrogate: Bromofluorobenzene</i>		98.6 %	70-130	09/02/22	09/03/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	09/02/22	09/03/22	
<i>Surrogate: Toluene-d8</i>		95.3 %	70-130	09/02/22	09/03/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	54.6	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	71.8	20.0	1	09/02/22	09/02/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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## S-2 (2')

## E209004-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/03/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/03/22	
Toluene	ND	0.0250	1	09/02/22	09/03/22	
o-Xylene	ND	0.0250	1	09/02/22	09/03/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/03/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/03/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/02/22	09/03/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	09/02/22	09/03/22	
<i>Surrogate: Toluene-d8</i>		96.0 %	70-130	09/02/22	09/03/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/03/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/02/22	09/03/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	09/02/22	09/03/22	
<i>Surrogate: Toluene-d8</i>		96.0 %	70-130	09/02/22	09/03/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	176	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	155	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	ND	20.0	1	09/02/22	09/02/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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**S-3 (0 - 0.5')**

**E209004-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/02/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/02/22	
Toluene	ND	0.0250	1	09/02/22	09/02/22	
o-Xylene	ND	0.0250	1	09/02/22	09/02/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/02/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	5890	2500	100	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	ND	5000	100	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		82.6 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	31.2	20.0	1	09/02/22	09/02/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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**S-3 (1')**

**E209004-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/02/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/02/22	
Toluene	ND	0.0250	1	09/02/22	09/02/22	
o-Xylene	ND	0.0250	1	09/02/22	09/02/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/02/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	<b>119</b>	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	<b>101</b>	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		114 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	ND	20.0	1	09/02/22	09/02/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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**S-3 (1.5')**

**E209004-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/02/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/02/22	
Toluene	ND	0.0250	1	09/02/22	09/02/22	
o-Xylene	ND	0.0250	1	09/02/22	09/02/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/02/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	123	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	101	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	21.2	20.0	1	09/02/22	09/02/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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**S-3 (2')**

**E209004-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/02/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/02/22	
Toluene	ND	0.0250	1	09/02/22	09/02/22	
o-Xylene	ND	0.0250	1	09/02/22	09/02/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/02/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	148	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	187	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	36.3	20.0	1	09/02/22	09/02/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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**H-1 (0 - 0.5')**

**E209004-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/02/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/02/22	
Toluene	ND	0.0250	1	09/02/22	09/02/22	
o-Xylene	ND	0.0250	1	09/02/22	09/02/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/02/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	<b>82.0</b>	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	<b>105</b>	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		125 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	<b>21.0</b>	20.0	1	09/02/22	09/02/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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**H-2 (0 - 0.5')**

**E209004-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/02/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/02/22	
Toluene	ND	0.0250	1	09/02/22	09/02/22	
o-Xylene	ND	0.0250	1	09/02/22	09/02/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/02/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	<b>78.8</b>	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	<b>102</b>	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		124 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	ND	20.0	1	09/02/22	09/02/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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**H-3 (0 - 0.5')**

**E209004-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/02/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/02/22	
Toluene	ND	0.0250	1	09/02/22	09/02/22	
o-Xylene	ND	0.0250	1	09/02/22	09/02/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/02/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	<b>48.8</b>	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	<b>62.1</b>	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	ND	20.0	1	09/02/22	09/02/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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**H-4 (0 - 0.5')**

**E209004-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Benzene	ND	0.0250	1	09/02/22	09/02/22	
Ethylbenzene	ND	0.0250	1	09/02/22	09/02/22	
Toluene	ND	0.0250	1	09/02/22	09/02/22	
o-Xylene	ND	0.0250	1	09/02/22	09/02/22	
p,m-Xylene	ND	0.0500	1	09/02/22	09/02/22	
Total Xylenes	ND	0.0250	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	09/02/22	09/02/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	09/02/22	09/02/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/02/22	09/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	<b>159</b>	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	<b>202</b>	50.0	1	09/02/22	09/02/22	
<i>Surrogate: n-Nonane</i>		121 %	50-200	09/02/22	09/02/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2236075
Chloride	<b>34.8</b>	20.0	1	09/02/22	09/02/22	



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	Reported: 9/6/2022 4:20:40PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

**Blank (2236079-BLK1)**

Prepared: 09/02/22 Analyzed: 09/06/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.480		0.500		95.9	70-130			

**LCS (2236079-BS1)**

Prepared: 09/02/22 Analyzed: 09/03/22

Benzene	2.30	0.0250	2.50		91.8	70-130			
Ethylbenzene	2.30	0.0250	2.50		91.9	70-130			
Toluene	2.14	0.0250	2.50		85.6	70-130			
o-Xylene	2.37	0.0250	2.50		95.0	70-130			
p,m-Xylene	4.58	0.0500	5.00		91.7	70-130			
Total Xylenes	6.96	0.0250	7.50		92.8	70-130			
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.3	70-130			

**LCS Dup (2236079-BSD1)**

Prepared: 09/02/22 Analyzed: 09/03/22

Benzene	2.24	0.0250	2.50		89.8	70-130	2.25	23	
Ethylbenzene	2.30	0.0250	2.50		92.2	70-130	0.326	27	
Toluene	2.16	0.0250	2.50		86.3	70-130	0.838	24	
o-Xylene	2.37	0.0250	2.50		94.9	70-130	0.0632	27	
p,m-Xylene	4.60	0.0500	5.00		91.9	70-130	0.316	27	
Total Xylenes	6.97	0.0250	7.50		92.9	70-130	0.187	27	
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2236079-BLK1)**

Prepared: 09/02/22 Analyzed: 09/06/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.480		0.500		95.9	70-130			

**LCS (2236079-BS2)**

Prepared: 09/02/22 Analyzed: 09/03/22

Gasoline Range Organics (C6-C10)	42.3	20.0	50.0		84.6	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

**LCS Dup (2236079-BSD2)**

Prepared: 09/02/22 Analyzed: 09/03/22

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.4	70-130	3.21	20	
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2236071-BLK1)**

Prepared: 09/02/22 Analyzed: 09/02/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n-Nonane</i>	58.0		50.0		116	50-200			

**LCS (2236071-BS1)**

Prepared: 09/02/22 Analyzed: 09/02/22

Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132			
Surrogate: <i>n-Nonane</i>	52.8		50.0		106	50-200			

**Matrix Spike (2236071-MS1)**

Source: E209004-07

Prepared: 09/02/22 Analyzed: 09/06/22

Diesel Range Organics (C10-C28)	321	25.0	250	54.6	107	38-132			
Surrogate: <i>n-Nonane</i>	47.3		50.0		94.6	50-200			

**Matrix Spike Dup (2236071-MSD1)**

Source: E209004-07

Prepared: 09/02/22 Analyzed: 09/06/22

Diesel Range Organics (C10-C28)	287	25.0	250	54.6	92.8	38-132	11.3	20	
Surrogate: <i>n-Nonane</i>	47.4		50.0		94.7	50-200			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/6/2022 4:20:40PM
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#### Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2236075-BLK1)**

Prepared: 09/02/22 Analyzed: 09/02/22

Chloride	ND	20.0							
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**LCS (2236075-BS1)**

Prepared: 09/02/22 Analyzed: 09/02/22

Chloride	251	20.0	250		101	90-110			
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**Matrix Spike (2236075-MS1)**

Source: E209004-01

Prepared: 09/02/22 Analyzed: 09/02/22

Chloride	386	20.0	250	103	113	80-120			
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**Matrix Spike Dup (2236075-MSD1)**

Source: E209004-01

Prepared: 09/02/22 Analyzed: 09/02/22

Chloride	371	20.0	250	103	107	80-120	3.96	20	
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QC Summary Report Comment:

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



### Definitions and Notes

Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	<b>Reported:</b>
Midland TX, 79701	Project Manager:	Mike Carmona	09/06/22 16:20

S6 Surrogate was diluted out due to high concentrations of target and/or non-target analytes and does not provide useful information. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



# Chain of Custody

Work Order No: E209004  
Job # 01058-0007

Page 1 of 2

Project Manager: Mike Carmona	Bill to: (if different)	Dale Woodall
Company Name: Carmona Resources	Company Name:	Devon Energy
Address: 310 West Wall St. Suite 415	Address:	
City, State ZIP: Midland, TX 79701	City, State ZIP:	
Phone: 432-813-1992	Email:	

Work Order Comments
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/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:	Longview 1-21 2nd Release				Turn Around		ANALYSIS REQUEST										Preservative Codes							
Project Number:	1117				<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code																None: NO      DI Water: H <sub>2</sub> O	
Project Location	Eddy Co, NM				Due Date:	24HRS		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Cool: Cool      MeOH: Me											
Sampler's Name:	CCM						HCL: HC      HNO <sub>3</sub> : HN																	
WO #:	WO#21064317						H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na																	
SAMPLE RECEIPT		Temp Blank:	Yes	No	Wet Ice:	Yes	No						H <sub>3</sub> PO <sub>4</sub> : HP											
Received Intact:	Yes	No	Thermometer ID:				NaHSO <sub>4</sub> : NABIS																	
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:				Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>																
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:				Zn Acetate+NaOH: Zn																
Total Containers:			Corrected Temperature:				NaOH+Ascorbic Acid: SAPC																	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments	
S-1 (0-0.5')	8/31/2022		X		Grab/	1	X	X	X															
S-1 (1')	8/31/2022		X		Grab/	1	X	X	X															
S-1 (1.5')	8/31/2022		X		Grab/	1	X	X	X															
S-1 (2')	8/31/2022		X		Grab/	1	X	X	X															
S-2 (0-0.5')	8/31/2022		X		Grab/	1	X	X	X															
S- (1')	8/31/2022		X		Grab/	1	X	X	X															
S-2 (1.5')	8/31/2022		X		Grab/	1	X	X	X															
S-2 (2')	8/31/2022		X		Grab/	1	X	X	X															
S-3 (0-0.5')	8/31/2022		X		Grab/	1	X	X	X															
S-3 (1')	8/31/2022		X		Grab/	1	X	X	X															

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com, Ashton Thielke Athielke@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/01/22 10:12		9.1.22 10:12
	9.1.22 4:30		9/2/22 10:14

Released to Imaging: 1/3/2023 10:11:00 AM

Received by OCD: 10/31/2022 2:21:20 PM

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# Chain of Custody

Work Order No: E209004  
Job # 01058-0007

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Project Manager: Mike Carmona	Bill to: (if different)	Dale Woodall
Company Name: Carmona Resources	Company Name:	Devon Energy
Address: 310 West Wall St. Suite 415	Address:	
City, State ZIP: Midland, TX 79701	City, State ZIP:	
Phone: 432-813-1992	Email:	

Work Order Comments
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/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:	Longview 1-21 2nd Release		Turn Around		ANALYSIS REQUEST										Preservative Codes														
Project Number:	1117		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code																None: NO      DI Water: H <sub>2</sub> O								
Project Location	Eddy Co, NM		Due Date:	24HRS		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MFO)	Chloride 4500	HOLD	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>3</sub> PO <sub>4</sub> : HP		NaHSO <sub>4</sub> : NABIS		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>		Zn Acetate+NaOH: Zn		NaOH+Ascorbic Acid: SAPC				
Sampler's Name:	CCM																												
WO #:	WO#21064317																												
SAMPLE RECEIPT			Temp Blank:	Yes No							Wet Ice:	Yes No		Received Intact:		Yes No		Thermometer ID:				Cooler Custody Seals:		Yes No N/A		Correction Factor:			
			Sample Custody Seals:	Yes No N/A							Temperature Reading:				Total Containers:				Corrected Temperature:										
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																							
11 S-3 (1.5')	8/31/2022		X		Grab/	1	X	X	X																				
12 S-3 (2')	8/31/2022		X		Grab/	1	X	X	X																				
13 H-1 (0-0.5')	8/31/2022		X		Grab/	1	X	X	X																				
14 H-2 (0-0.5')	8/31/2022		X		Grab/	1	X	X	X																				
15 H-3 (0-0.5')	8/31/2022		X		Grab/	1	X	X	X																				
16 H-4 (0-0.5')	8/31/2022		X		Grab/	1	X	X	X																				

Comments: Email to Mike Carmona / [Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com), Ashton Thielke [Athielke@carmonaresources.com](mailto:Athielke@carmonaresources.com)

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/01/22 10:12		9.1.22 10:12
	9.1.22 4:30		9/2/22 10:14

Released to Imaging: 1/3/2023 10:11:00 AM

Received by OCD: 10/31/2022 2:21:20 PM

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**Envirotech Analytical Laboratory**

Printed: 9/2/2022 10:20:51AM

**Sample Receipt Checklist (SRC)**

**Instructions:** Please take note of any NO checkmarks.

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

Client: Carmona Resources	Date Received: 09/02/22 10:14	Work Order ID: E209004
Phone: (432) 813-6823	Date Logged In: 09/01/22 18:21	Logged In By: Alexa Michaels
Email: mcarmona@carmonaresources.com	Due Date: 09/02/22 17:00 (0 day TAT)	

**Chain of Custody (COC)**

- 1. Does the sample ID match the COC? Yes
  - 2. Does the number of samples per sampling site location match the COC? Yes
  - 3. Were samples dropped off by client or carrier? Yes
  - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
  - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: UPS

**Comments/Resolution**

Time sampled not provided on COC.

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

- 7. Was a sample cooler received? Yes
  - 8. If yes, was cooler received in good condition? Yes
  - 9. Was the sample(s) received intact, i.e., not broken? Yes
  - 10. Were custody/security seals present? No
  - 11. If yes, were custody/security seals intact? NA
  - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

Report to:  
Conner Moehring



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Carmona Resources

Project Name: Longview Deep Federal 1-21

Work Order: E209076

Job Number: 01058-0007

Received: 9/16/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/19/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 9/19/22



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

Project Name: Longview Deep Federal 1-21  
Workorder: E209076  
Date Received: 9/16/2022 10:41:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/16/2022 10:41:00AM, under the Project Name: Longview Deep Federal 1-21.

The analytical test results summarized in this report with the Project Name: Longview Deep Federal 1-21 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

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

Project Name: Longview Deep Federal 1-21  
Project Number: 01058-0007  
Project Manager: Conner Moehring

**Reported:**  
09/19/22 14:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1 (3')	E209076-01A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-2 (3')	E209076-02A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-3 (3')	E209076-03A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-4 (3')	E209076-04A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-5 (3')	E209076-05A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-6 (3')	E209076-06A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-7 (3')	E209076-07A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-8 (3')	E209076-08A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-9 (3')	E209076-09A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-10 (3')	E209076-10A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-11 (3')	E209076-11A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-12 (3')	E209076-12A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-13 (3')	E209076-13A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-14 (3')	E209076-14A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-15 (3')	E209076-15A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-16 (3')	E209076-16A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-17 (3')	E209076-17A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-18 (3')	E209076-18A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-19 (3')	E209076-19A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-20 (3')	E209076-20A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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## CS-1 (3')

## E209076-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>	98.7 %	70-130		09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	92.7 %	70-130		09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>	95.0 %	70-130		09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>	98.7 %	70-130		09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	92.7 %	70-130		09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>	95.0 %	70-130		09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>	92.0 %	50-200		09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	105	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-2 (3')**  
**E209076-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0500	2	09/16/22	09/17/22	
Ethylbenzene	ND	0.0500	2	09/16/22	09/17/22	
Toluene	ND	0.0500	2	09/16/22	09/17/22	
o-Xylene	ND	0.0500	2	09/16/22	09/17/22	
p,m-Xylene	ND	0.100	2	09/16/22	09/17/22	
Total Xylenes	ND	0.0500	2	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.7 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.4 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	40.0	2	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.7 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.4 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		90.5 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	132	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-3 (3')**  
**E209076-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.5 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.5 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		88.5 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	125	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-4 (3')**  
**E209076-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.7 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.4 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.7 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.4 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		87.8 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	129	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-5 (3')  
E209076-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.100	4	09/16/22	09/17/22	
Ethylbenzene	ND	0.100	4	09/16/22	09/17/22	
Toluene	ND	0.100	4	09/16/22	09/17/22	
o-Xylene	ND	0.100	4	09/16/22	09/17/22	
p,m-Xylene	ND	0.200	4	09/16/22	09/17/22	
Total Xylenes	ND	0.100	4	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		95.5 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.0 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.7 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	80.0	4	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		95.5 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.0 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.7 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		91.9 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	113	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-6 (3')**

**E209076-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.2 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.2 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		93.7 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	117	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-7 (3')**

**E209076-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.5 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.6 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.5 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.6 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		90.9 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	132	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-8 (3')**  
**E209076-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.0 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.4 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.0 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.4 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		100 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	110	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-9 (3')**  
**E209076-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.5 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.9 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.5 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.9 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		92.2 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	237	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-10 (3')**

**E209076-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.8 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.8 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		89.5 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	137	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-11 (3')  
E209076-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.2 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.2 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		91.7 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	168	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-12 (3')**

**E209076-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.1 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.9 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.1 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		94.9 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		91.0 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	252	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-13 (3')**

**E209076-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		97.2 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.9 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		92.6 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		97.2 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.9 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		92.6 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		92.3 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	112	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-14 (3')**

**E209076-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.1 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.8 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.1 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.8 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		90.9 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	188	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-15 (3')**

**E209076-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.1 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.7 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.1 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.7 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		88.6 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	297	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-16 (3')**

**E209076-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.4 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.4 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.4 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.4 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		91.3 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	140	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-17 (3')  
E209076-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.8 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		92.8 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.8 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		92.8 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		90.9 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	315	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-18 (3')**  
**E209076-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.8 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.8 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.8 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.8 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		88.2 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	336	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-19 (3')**  
**E209076-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		98.3 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.4 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.7 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		98.3 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.4 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.7 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		91.4 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	414	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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**CS-20 (3')  
E209076-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		97.2 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.6 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.3 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: Bromofluorobenzene</i>		97.2 %	70-130	09/16/22	09/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.6 %	70-130	09/16/22	09/17/22	
<i>Surrogate: Toluene-d8</i>		93.3 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		89.2 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238071
Chloride	372	20.0	1	09/16/22	09/17/22	



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	Reported: 9/19/2022 2:48:30PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD % %	RPD Limit %	Notes
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**Blank (2238075-BLK1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.3	70-130			

**LCS (2238075-BS1)**

Prepared: 09/16/22 Analyzed: 09/19/22

Benzene	2.06	0.0250	2.50		82.3	70-130			
Ethylbenzene	2.07	0.0250	2.50		82.9	70-130			
Toluene	1.95	0.0250	2.50		77.9	70-130			
o-Xylene	2.12	0.0250	2.50		84.8	70-130			
p,m-Xylene	4.12	0.0500	5.00		82.3	70-130			
Total Xylenes	6.24	0.0250	7.50		83.1	70-130			
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

**LCS Dup (2238075-BSD1)**

Prepared: 09/16/22 Analyzed: 09/17/22

Benzene	2.08	0.0250	2.50		83.4	70-130	1.23	23	
Ethylbenzene	2.12	0.0250	2.50		84.8	70-130	2.24	27	
Toluene	1.97	0.0250	2.50		78.8	70-130	1.12	24	
o-Xylene	2.17	0.0250	2.50		86.8	70-130	2.36	27	
p,m-Xylene	4.18	0.0500	5.00		83.6	70-130	1.48	27	
Total Xylenes	6.35	0.0250	7.50		84.6	70-130	1.78	27	
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238075-BLK1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.3	70-130			

**LCS (2238075-BS2)**

Prepared: 09/16/22 Analyzed: 09/17/22

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.1	70-130			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.458		0.500		91.5	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

**LCS Dup (2238075-BSD2)**

Prepared: 09/16/22 Analyzed: 09/17/22

Gasoline Range Organics (C6-C10)	42.0	20.0	50.0		84.1	70-130	1.25	20	
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238081-BLK1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n-Nonane</i>	43.6		50.0		87.3	50-200			

**LCS (2238081-BS1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
Surrogate: <i>n-Nonane</i>	43.2		50.0		86.4	50-200			

**Matrix Spike (2238081-MS1)**

Source: E209076-07

Prepared: 09/16/22 Analyzed: 09/16/22

Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	38-132			
Surrogate: <i>n-Nonane</i>	46.1		50.0		92.3	50-200			

**Matrix Spike Dup (2238081-MSD1)**

Source: E209076-07

Prepared: 09/16/22 Analyzed: 09/16/22

Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132	2.69	20	
Surrogate: <i>n-Nonane</i>	45.7		50.0		91.5	50-200			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:48:30PM
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#### Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238071-BLK1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Chloride	ND	20.0							
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**LCS (2238071-BS1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Chloride	253	20.0	250		101	90-110			
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**Matrix Spike (2238071-MS1)**

Source: E209076-01

Prepared: 09/16/22 Analyzed: 09/16/22

Chloride	374	20.0	250	105	107	80-120			
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**Matrix Spike Dup (2238071-MSD1)**

Source: E209076-01

Prepared: 09/16/22 Analyzed: 09/16/22

Chloride	442	20.0	250	105	134	80-120	16.6	20	M2
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QC Summary Report Comment:

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



## Definitions and Notes

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 09/19/22 14:48
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M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



# Chain of Custody

Work Order No: E209076  
Job # 01058-0007

Page 1 of 5

Released to Imaging: 11/3/2023 10:11:00 AM

Received by OCD: 10/31/2022 2:21:20 PM

Project Manager:	Conner Moehring	Bill to: (if different)	Dale Woodall
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	Dale.Woodall@dvn.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <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:

Project Name:		Longview Deep Federal 1-21		Turn Around		ANALYSIS REQUEST										Preservative Codes						
Project Number:		1081		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush												None: NO    DI Water: H <sub>2</sub> O						
Project Location:		Eddy County, New Mexico		Due Date:												Cool: Cool    MeOH: Me						
Sampler's Name:		CRM		48 Hours												HCL: HC    HNO <sub>3</sub> : HN						
WO #:		21073205														H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na						
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No												H <sub>3</sub> PO <sub>4</sub> : HP		
Received Intact:		Yes No		Thermometer ID:																NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>		
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn		
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters											Sample Comments			
1 CS-1 (3')		9/15/22		X		C	1	BTEX 8021B	X	X	X											
2 CS-2 (3')								TPH 8015M (GRO + DRO + MFO)														
3 CS-3 (3')								Chloride 300.0														
4 CS-4 (3')																						
5 CS-5 (3')																						
6 CS-6 (3')																						
7 CS-7 (3')																						
8 CS-8 (3')																						
9 CS-9 (3')																						
10 CS-10 (3')																						

**Comments:**

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	9/15/22	<i>[Signature]</i>	9-15-22-20
	6-10-22-415	<i>[Signature]</i>	9/16/22 10:4

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Envirotech Analytical Laboratory

Printed: 9/16/2022 10:54:16AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Carmona Resources Date Received: 09/16/22 10:41 Work Order ID: E209076
Phone: (432) 813-6823 Date Logged In: 09/16/22 08:30 Logged In By: Caitlin Christian
Email: cmochring@carmonaresouces.com Due Date: 09/19/22 17:00 (1 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes
Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: UPS

Comments/Resolution

Project has been separated into 2 reports due to amount of samples. Workorders are as follows: E209076 COC pg 1&2 of 5, E209077 COC pg 3,4&5 of 5. Time sampled not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

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

Date



envirotech Inc.

Report to:  
Conner Moehring



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Carmona Resources

Project Name: Longview Deep Federal 1-21

Work Order: E209077

Job Number: 01058-0007

Received: 9/16/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/19/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 9/19/22



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

Project Name: Longview Deep Federal 1-21  
Workorder: E209077  
Date Received: 9/16/2022 10:41:00AM

Conner Moehring,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/16/2022 10:41:00AM, under the Project Name: Longview Deep Federal 1-21.

The analytical test results summarized in this report with the Project Name: Longview Deep Federal 1-21 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
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## Sample Summary

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

Project Name: Longview Deep Federal 1-21  
Project Number: 01058-0007  
Project Manager: Conner Moehring

**Reported:**  
09/19/22 14:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-21 (3')	E209077-01A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-22 (3')	E209077-02A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-23 (3')	E209077-03A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-24 (3')	E209077-04A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-25 (3')	E209077-05A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-26 (3')	E209077-06A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-27 (3')	E209077-07A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-28 (3')	E209077-08A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-29 (3')	E209077-09A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-30 (3')	E209077-10A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-31 (3')	E209077-11A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-32 (3')	E209077-12A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-33 (3')	E209077-13A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-34 (3')	E209077-14A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-35 (3')	E209077-15A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-36 (3')	E209077-16A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-37 (3')	E209077-17A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-38 (3')	E209077-18A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-39 (3')	E209077-19A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-40 (3')	E209077-20A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-41 (3')	E209077-21A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-42 (3')	E209077-22A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-43 (3')	E209077-23A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-44 (3')	E209077-24A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-45 (3')	E209077-25A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-46 (3')	E209077-26A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-47 (3')	E209077-27A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.
CS-48 (3')	E209077-28A	Soil	09/15/22	09/16/22	Glass Jar, 4 oz.



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-21 (3')**

**E209077-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.7 %	70-130		09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>						
	94.3 %	50-200		09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	254	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-22 (3')**

**E209077-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.5 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		78.9 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		93.7 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	504	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-23 (3')**

**E209077-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.7 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.6 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		96.1 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	349	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-24 (3')**

**E209077-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.7 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.9 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		93.6 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	281	20.0	1	09/16/22	09/16/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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## CS-25 (3')

## E209077-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.7 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		96.5 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	208	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-26 (3')**

**E209077-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.6 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		96.0 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	463	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-27 (3')**

**E209077-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.5 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.1 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		94.9 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	401	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-28 (3')**

**E209077-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.5 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.6 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		95.1 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	261	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-29 (3')**  
**E209077-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.9 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.2 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		96.5 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	384	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-30 (3')**

**E209077-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.0 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.8 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/16/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	09/16/22	09/16/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	367	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-31 (3')**

**E209077-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.8 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.7 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	75.4	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-32 (3')**

**E209077-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.1 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	236	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-33 (3')**

**E209077-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.4 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.7 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	132	20.0	1	09/16/22	09/16/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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## CS-34 (3')

## E209077-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.8 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.9 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		95.7 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	185	20.0	1	09/16/22	09/16/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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## CS-35 (3')

## E209077-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.9 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.6 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	327	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-36 (3')**

**E209077-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.0 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	115	20.0	1	09/16/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-37 (3')**

**E209077-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.3 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		103 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	420	20.0	1	09/16/22	09/16/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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## CS-38 (3')

## E209077-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.4 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	136	20.0	1	09/16/22	09/17/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-39 (3')**

**E209077-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.9 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		80.7 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		100 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	23.0	20.0	1	09/16/22	09/17/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-40 (3')**

**E209077-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Benzene	ND	0.0250	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.1 %	70-130	09/16/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238070
Chloride	ND	20.0	1	09/16/22	09/17/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-41 (3')**  
**E209077-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.1 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		95.8 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.1 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		95.8 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		95.9 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238064
Chloride	28.1	20.0	1	09/15/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-42 (3')**  
**E209077-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		98.5 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.6 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		93.7 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		98.5 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.6 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		93.7 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238064
Chloride	66.9	20.0	1	09/15/22	09/16/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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## CS-43 (3')

## E209077-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		98.5 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.2 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		94.5 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		98.5 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.2 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		94.5 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238064
Chloride	29.9	20.0	1	09/15/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-44 (3')**

**E209077-24**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.1 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		95.3 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.1 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		95.3 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238064
Chloride	31.2	20.0	1	09/15/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-45 (3')**  
**E209077-25**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.5 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		95.6 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.5 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		95.6 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238064
Chloride	44.3	20.0	1	09/15/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-46 (3')**  
**E209077-26**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		97.2 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.7 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		94.9 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		97.2 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.7 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		94.9 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2238064
Chloride	46.0	20.0	1	09/15/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-47 (3')**  
**E209077-27**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		98.6 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.7 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		98.6 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.7 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		95.0 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2238064
Chloride	35.7	20.0	1	09/15/22	09/16/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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**CS-48 (3')**  
**E209077-28**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Benzene	ND	0.0250	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.6 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		95.7 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	09/16/22	09/16/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.6 %	70-130	09/16/22	09/16/22	
<i>Surrogate: Toluene-d8</i>		95.7 %	70-130	09/16/22	09/16/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	09/17/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	09/16/22	09/17/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2238064
Chloride	39.6	20.0	1	09/15/22	09/16/22	



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	Reported: 9/19/2022 2:23:54PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238077-BLK1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.3	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.6	70-130			

**LCS (2238077-BS1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Benzene	2.07	0.0250	2.50		82.9	70-130			
Ethylbenzene	2.09	0.0250	2.50		83.5	70-130			
Toluene	1.95	0.0250	2.50		78.1	70-130			
o-Xylene	2.14	0.0250	2.50		85.5	70-130			
p,m-Xylene	4.13	0.0500	5.00		82.5	70-130			
Total Xylenes	6.27	0.0250	7.50		83.5	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.447		0.500		89.4	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.8	70-130			

**LCS Dup (2238077-BSD1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Benzene	2.11	0.0250	2.50		84.5	70-130	1.94	23	
Ethylbenzene	2.16	0.0250	2.50		86.3	70-130	3.27	27	
Toluene	2.00	0.0250	2.50		80.1	70-130	2.53	24	
o-Xylene	2.21	0.0250	2.50		88.4	70-130	3.34	27	
p,m-Xylene	4.31	0.0500	5.00		86.2	70-130	4.33	27	
Total Xylenes	6.52	0.0250	7.50		86.9	70-130	3.99	27	
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.454		0.500		90.7	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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#### Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238076-BLK1)**

Prepared: 09/16/22 Analyzed: 09/17/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.8	70-130			

**LCS (2238076-BS1)**

Prepared: 09/16/22 Analyzed: 09/17/22

Benzene	5.22	0.0250	5.00		104	70-130			
Ethylbenzene	4.36	0.0250	5.00		87.2	70-130			
Toluene	4.62	0.0250	5.00		92.3	70-130			
o-Xylene	4.43	0.0250	5.00		88.7	70-130			
p,m-Xylene	8.82	0.0500	10.0		88.2	70-130			
Total Xylenes	13.3	0.0250	15.0		88.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			

**LCS Dup (2238076-BSD1)**

Prepared: 09/16/22 Analyzed: 09/17/22

Benzene	4.92	0.0250	5.00		98.5	70-130	5.76	20	
Ethylbenzene	4.11	0.0250	5.00		82.1	70-130	5.95	20	
Toluene	4.34	0.0250	5.00		86.8	70-130	6.12	20	
o-Xylene	4.20	0.0250	5.00		83.9	70-130	5.52	20	
p,m-Xylene	8.31	0.0500	10.0		83.1	70-130	5.91	20	
Total Xylenes	12.5	0.0250	15.0		83.4	70-130	5.78	20	
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238076-BLK1)**

Prepared: 09/16/22 Analyzed: 09/17/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.60		8.00		82.5	70-130			

**LCS (2238076-BS2)**

Prepared: 09/16/22 Analyzed: 09/17/22

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		88.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.61		8.00		82.6	70-130			

**LCS Dup (2238076-BSD2)**

Prepared: 09/16/22 Analyzed: 09/17/22

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.5	70-130	3.91	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.63		8.00		82.9	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238077-BLK1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.3	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.6	70-130			

**LCS (2238077-BS2)**

Prepared: 09/16/22 Analyzed: 09/16/22

Gasoline Range Organics (C6-C10)	44.7	20.0	50.0		89.4	70-130			
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500		92.2	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130			

**LCS Dup (2238077-BSD2)**

Prepared: 09/16/22 Analyzed: 09/16/22

Gasoline Range Organics (C6-C10)	43.5	20.0	50.0		86.9	70-130	2.80	20	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.1	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238059-BLK1)**

Prepared: 09/15/22 Analyzed: 09/15/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	53.5		50.0		107	50-200			

**LCS (2238059-BS1)**

Prepared: 09/15/22 Analyzed: 09/15/22

Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: <i>n</i> -Nonane	43.1		50.0		86.2	50-200			

**Matrix Spike (2238059-MS1)**

Source: E209066-25

Prepared: 09/15/22 Analyzed: 09/15/22

Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132			
Surrogate: <i>n</i> -Nonane	43.2		50.0		86.5	50-200			

**Matrix Spike Dup (2238059-MSD1)**

Source: E209066-25

Prepared: 09/15/22 Analyzed: 09/15/22

Diesel Range Organics (C10-C28)	290	25.0	250	ND	116	38-132	3.63	20	
Surrogate: <i>n</i> -Nonane	42.8		50.0		85.6	50-200			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238080-BLK1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	47.4		50.0		94.8	50-200			

**LCS (2238080-BS1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: <i>n</i> -Nonane	46.6		50.0		93.2	50-200			

**Matrix Spike (2238080-MS1)**

Source: E209077-07

Prepared: 09/16/22 Analyzed: 09/16/22

Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132			
Surrogate: <i>n</i> -Nonane	46.6		50.0		93.1	50-200			

**Matrix Spike Dup (2238080-MSD1)**

Source: E209077-07

Prepared: 09/16/22 Analyzed: 09/16/22

Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132	2.04	20	
Surrogate: <i>n</i> -Nonane	47.1		50.0		94.2	50-200			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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#### Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238064-BLK1)**

Prepared: 09/15/22 Analyzed: 09/15/22

Chloride ND 20.0

**LCS (2238064-BS1)**

Prepared: 09/15/22 Analyzed: 09/15/22

Chloride 254 20.0 250 102 90-110

**Matrix Spike (2238064-MS1)**

Source: E209066-21

Prepared: 09/15/22 Analyzed: 09/16/22

Chloride 345 100 250 ND 138 80-120 M6

**Matrix Spike Dup (2238064-MSD1)**

Source: E209066-21

Prepared: 09/15/22 Analyzed: 09/16/22

Chloride 364 100 250 ND 145 80-120 5.28 20 M6



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 9/19/2022 2:23:54PM
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#### Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238070-BLK1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Chloride	ND	20.0							
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**LCS (2238070-BS1)**

Prepared: 09/16/22 Analyzed: 09/16/22

Chloride	248	20.0	250		99.1	90-110			
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**Matrix Spike (2238070-MS1)**

Source: E209077-01

Prepared: 09/16/22 Analyzed: 09/16/22

Chloride	654	20.0	250	254	160	80-120			M2
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**Matrix Spike Dup (2238070-MSD1)**

Source: E209077-01

Prepared: 09/16/22 Analyzed: 09/16/22

Chloride	587	20.0	250	254	133	80-120	10.9	20	M2
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QC Summary Report Comment:

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



## Definitions and Notes

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview Deep Federal 1-21 Project Number: 01058-0007 Project Manager: Conner Moehring	<b>Reported:</b> 09/19/22 14:23
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- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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





# Chain of Custody

Work Order No: E209077  
Job # 01058-0007

Page 4 of 5

Project Manager: Conner Moehring	Bill to: (if different) Dale Woodall
Company Name: Carmona Resources	Company Name: Devon Energy
Address: 310 W Wall St Ste 415	Address:
City, State ZIP: Midland, TX 79701	City, State ZIP:
Phone: (432) 813-6823	Email: Dale.Woodall@dvn.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting: Level 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:		Longview Deep Federal 1-21		Turn Around		ANALYSIS REQUEST										Preservative Codes									
Project Number:		1081		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush												None: NO      DI Water: H <sub>2</sub> O									
Project Location		Eddy County, New Mexico		Due Date:												Cool: Cool      MeOH: Me									
Sampler's Name:		CRM		48 Hours												HCL: HC      HNO <sub>3</sub> : HN									
WO #:		21073205														H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No												H <sub>3</sub> PO <sub>4</sub> : HP					
Received Intact:		Yes No		Thermometer ID:																NaHSO <sub>4</sub> : NABIS					
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>					
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn					
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
11 CS-31 (3')		9/15/22				X				C		1		X X Y											
12 CS-32 (3')																									
13 CS-33 (3')																									
14 CS-34 (3')																									
15 CS-35 (3')																									
16 CS-36 (3')																									
17 CS-37 (3')																									
18 CS-38 (3')																									
19 CS-39 (3')																									
20 CS-40 (3')																									

**Comments:**

Relinquished by: (Signature) <i>Conner Moehring</i>	Date/Time 9/15/22	Received by: (Signature) <i>Dale Woodall</i>	Date/Time 9/15/22 - 300
	9-15-22 4:50	<i>Dale Woodall</i>	9/16/22 10:41

Released to Imaging: 1/31/2023 10:11:00 AM

Received by OCD: 10/31/2022 2:21:20 PM

Page 221 of 335



Envirotech Analytical Laboratory

Printed: 9/16/2022 10:57:35AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Carmona Resources	Date Received:	09/16/22 10:41	Work Order ID:	E209077
Phone:	(432) 813-6823	Date Logged In:	09/16/22 08:33	Logged In By:	Caitlin Christian
Email:	cmochring@carmonaresouces.com	Due Date:	09/19/22 17:00 (1 day TAT)		

**Chain of Custody (COC)**

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

Carrier: UPS

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

**Comments/Resolution**

Project has been separated into 2 reports due to amount of samples. Workorders are as follows: E209076 COC pg 1&2 of 5, E209077 COC pg 3,4&5 of 5. Time sampled not provided on COC.

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

Report to:  
Mike Carmona



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Carmona Resources

Project Name: Longview 1-21

Work Order: E209084

Job Number: 01058-0007

Received: 9/17/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/20/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 9/20/22

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

Project Name: Longview 1-21  
Workorder: E209084  
Date Received: 9/17/2022 11:50:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/17/2022 11:50:00AM, under the Project Name: Longview 1-21.

The analytical test results summarized in this report with the Project Name: Longview 1-21 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
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**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

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

Project Name: Longview 1-21  
Project Number: 01058-0007  
Project Manager: Mike Carmona

Reported:  
09/20/22 16:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-49 (3')	E209084-01A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-50 (3')	E209084-02A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-51 (3')	E209084-03A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-52 (3')	E209084-04A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-53 (3')	E209084-05A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-54 (3')	E209084-06A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-55 (3')	E209084-07A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-56 (3')	E209084-08A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-57 (3')	E209084-09A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-58 (3')	E209084-10A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-59 (3')	E209084-11A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-60 (3')	E209084-12A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-61 (3')	E209084-13A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-62 (3')	E209084-14A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-63 (3')	E209084-15A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-64 (3')	E209084-16A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-65 (3')	E209084-17A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-66 (3')	E209084-18A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-67 (3')	E209084-19A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-68 (3')	E209084-20A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
CS-69 (3')	E209084-21A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
SW-1 (3')	E209084-22A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
SW-2 (3')	E209084-23A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
SW-3 (3')	E209084-24A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
SW-4 (3')	E209084-25A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
SW-5 (3')	E209084-26A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
SW-6 (3')	E209084-27A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
SW-7 (3')	E209084-28A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
SW-8 (3')	E209084-29A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.
SW-9 (3')	E209084-30A	Soil	09/16/22	09/17/22	Glass Jar, 4 oz.



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**CS-49 (3')**

**E209084-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.4 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)		ND	20.0	1	09/17/22	09/17/22
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		79.9 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)		ND	25.0	1	09/19/22	09/19/22
Oil Range Organics (C28-C36)		ND	50.0	1	09/19/22	09/19/22
<i>Surrogate: n-Nonane</i>		75.6 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: RAS		Batch: 2239010
Chloride	101	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**CS-50 (3')**

**E209084-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.3 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		85.2 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**CS-51 (3')**

**E209084-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.1 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.8 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	34.0	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		90.3 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	43.0	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**CS-52 (3')**

**E209084-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0500	2	09/17/22	09/17/22	
Ethylbenzene	ND	0.0500	2	09/17/22	09/17/22	
Toluene	ND	0.0500	2	09/17/22	09/17/22	
o-Xylene	ND	0.0500	2	09/17/22	09/17/22	
p,m-Xylene	ND	0.100	2	09/17/22	09/17/22	
Total Xylenes	ND	0.0500	2	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	40.0	2	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.0 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		80.8 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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## CS-53 (3')

## E209084-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.6 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		80.7 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	25.6	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		77.8 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	61.0	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**CS-54 (3')**

**E209084-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.9 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.9 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		63.4 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**CS-55 (3')**

**E209084-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.8 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		80.5 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		63.4 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	97.0	20.0	1	09/19/22	09/19/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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## CS-56 (3')

## E209084-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.3 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		70.7 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**CS-57 (3')**

**E209084-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.4 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		67.5 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**CS-58 (3')**

**E209084-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.6 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.6 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		81.4 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**CS-59 (3')**

**E209084-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.1 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		80.6 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		88.7 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	35.5	20.0	1	09/19/22	09/19/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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## CS-60 (3')

## E209084-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.7 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.0 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		74.3 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	60.7	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**CS-61 (3')**

**E209084-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.8 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	28.2	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		88.5 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	122	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**CS-62 (3')**

**E209084-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.6 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.4 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	38.9	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>						
		85.5 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	126	20.0	1	09/19/22	09/19/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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## CS-63 (3')

## E209084-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.2 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	39.2	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		87.2 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	48.0	20.0	1	09/19/22	09/19/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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## CS-64 (3')

## E209084-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/17/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/17/22	
Toluene	ND	0.0250	1	09/17/22	09/17/22	
o-Xylene	ND	0.0250	1	09/17/22	09/17/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		80.0 %	70-130	09/17/22	09/17/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		89.2 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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## CS-65 (3')

## E209084-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		80.5 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		84.9 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	55.6	20.0	1	09/19/22	09/19/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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## CS-66 (3')

## E209084-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.5 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		80.1 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	55.9	20.0	1	09/19/22	09/19/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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## CS-67 (3')

## E209084-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.1 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		83.6 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	29.2	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**CS-68 (3')**

**E209084-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		80.8 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239008
Diesel Range Organics (C10-C28)	52.4	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		82.3 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239010
Chloride	149	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**CS-69 (3')**

**E209084-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.5 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239007
Diesel Range Organics (C10-C28)	36.0	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		93.3 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239009
Chloride	43.2	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**SW-1 (3')**

**E209084-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		80.0 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239007
Diesel Range Organics (C10-C28)	26.6	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		69.4 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239009
Chloride	43.8	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**SW-2 (3')**

**E209084-23**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		78.0 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239007
Diesel Range Organics (C10-C28)	32.0	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		76.6 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239009
Chloride	40.8	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**SW-3 (3')**

**E209084-24**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		80.3 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		82.4 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239009
Chloride	ND	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**SW-4 (3')**

**E209084-25**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		78.7 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		67.3 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239009
Chloride	46.4	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**SW-5 (3')**

**E209084-26**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		78.8 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		68.0 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239009
Chloride	20.4	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**SW-6 (3')**

**E209084-27**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		78.2 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		67.1 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239009
Chloride	ND	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**SW-7 (3')**

**E209084-28**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.4 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		79.4 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		66.7 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239009
Chloride	79.2	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**SW-8 (3')**

**E209084-29**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.4 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		80.2 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		69.0 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239009
Chloride	20.0	20.0	1	09/19/22	09/19/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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**SW-9 (3')**

**E209084-30**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.2 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		80.1 %	70-130	09/17/22	09/18/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239007
Diesel Range Organics (C10-C28)	25.0	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
<i>Surrogate: n-Nonane</i>		69.6 %	50-200	09/19/22	09/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239009
Chloride	125	20.0	1	09/19/22	09/19/22	



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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#### Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238083-BLK1)**

Prepared: 09/17/22 Analyzed: 09/17/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.4	70-130			

**LCS (2238083-BS1)**

Prepared: 09/17/22 Analyzed: 09/17/22

Benzene	4.88	0.0250	5.00		97.5	70-130			
Ethylbenzene	4.13	0.0250	5.00		82.6	70-130			
Toluene	4.34	0.0250	5.00		86.9	70-130			
o-Xylene	4.18	0.0250	5.00		83.6	70-130			
p,m-Xylene	8.38	0.0500	10.0		83.8	70-130			
Total Xylenes	12.6	0.0250	15.0		83.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.2	70-130			

**LCS Dup (2238083-BSD1)**

Prepared: 09/17/22 Analyzed: 09/17/22

Benzene	5.00	0.0250	5.00		100	70-130	2.45	20	
Ethylbenzene	4.23	0.0250	5.00		84.5	70-130	2.31	20	
Toluene	4.45	0.0250	5.00		89.1	70-130	2.49	20	
o-Xylene	4.27	0.0250	5.00		85.5	70-130	2.18	20	
p,m-Xylene	8.57	0.0500	10.0		85.7	70-130	2.28	20	
Total Xylenes	12.8	0.0250	15.0		85.6	70-130	2.25	20	
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.1	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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#### Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238084-BLK1)**

Prepared: 09/17/22 Analyzed: 09/18/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			

**LCS (2238084-BS1)**

Prepared: 09/17/22 Analyzed: 09/18/22

Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.25	0.0250	5.00		85.0	70-130			
Toluene	4.49	0.0250	5.00		89.7	70-130			
o-Xylene	4.34	0.0250	5.00		86.7	70-130			
p,m-Xylene	8.63	0.0500	10.0		86.3	70-130			
Total Xylenes	13.0	0.0250	15.0		86.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			

**LCS Dup (2238084-BSD1)**

Prepared: 09/17/22 Analyzed: 09/18/22

Benzene	5.49	0.0250	5.00		110	70-130	8.99	20	
Ethylbenzene	4.63	0.0250	5.00		92.6	70-130	8.55	20	
Toluene	4.89	0.0250	5.00		97.8	70-130	8.56	20	
o-Xylene	4.72	0.0250	5.00		94.4	70-130	8.50	20	
p,m-Xylene	9.37	0.0500	10.0		93.7	70-130	8.17	20	
Total Xylenes	14.1	0.0250	15.0		93.9	70-130	8.28	20	
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238083-BLK1)**

Prepared: 09/17/22 Analyzed: 09/17/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.63		8.00		82.8	70-130			

**LCS (2238083-BS2)**

Prepared: 09/17/22 Analyzed: 09/17/22

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.67		8.00		83.4	70-130			

**LCS Dup (2238083-BSD2)**

Prepared: 09/17/22 Analyzed: 09/17/22

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0		101	70-130	3.01	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.70		8.00		83.7	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2238084-BLK1)**

Prepared: 09/17/22 Analyzed: 09/18/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.15		8.00		76.9	70-130			

**LCS (2238084-BS2)**

Prepared: 09/17/22 Analyzed: 09/18/22

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.60		8.00		82.5	70-130			

**LCS Dup (2238084-BSD2)**

Prepared: 09/17/22 Analyzed: 09/18/22

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130	1.03	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.54		8.00		81.7	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2239007-BLK1)**

Prepared: 09/19/22 Analyzed: 09/19/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	36.0		50.0		72.0	50-200			

**LCS (2239007-BS1)**

Prepared: 09/19/22 Analyzed: 09/19/22

Diesel Range Organics (C10-C28)	209	25.0	250		83.5	38-132			
Surrogate: <i>n</i> -Nonane	33.4		50.0		66.9	50-200			

**Matrix Spike (2239007-MS1)**

Source: E209084-21

Prepared: 09/19/22 Analyzed: 09/19/22

Diesel Range Organics (C10-C28)	263	25.0	250	36.0	90.9	38-132			
Surrogate: <i>n</i> -Nonane	35.3		50.0		70.6	50-200			

**Matrix Spike Dup (2239007-MSD1)**

Source: E209084-21

Prepared: 09/19/22 Analyzed: 09/19/22

Diesel Range Organics (C10-C28)	252	25.0	250	36.0	86.2	38-132	4.57	20	
Surrogate: <i>n</i> -Nonane	34.7		50.0		69.4	50-200			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2239008-BLK1)**

Prepared: 09/19/22 Analyzed: 09/19/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	34.5		50.0		68.9	50-200			

**LCS (2239008-BS1)**

Prepared: 09/19/22 Analyzed: 09/19/22

Diesel Range Organics (C10-C28)	238	25.0	250		95.0	38-132			
Surrogate: <i>n</i> -Nonane	37.4		50.0		74.8	50-200			

**Matrix Spike (2239008-MS1)**

Source: E209084-05

Prepared: 09/19/22 Analyzed: 09/19/22

Diesel Range Organics (C10-C28)	246	25.0	250	25.6	88.0	38-132			
Surrogate: <i>n</i> -Nonane	34.6		50.0		69.3	50-200			

**Matrix Spike Dup (2239008-MSD1)**

Source: E209084-05

Prepared: 09/19/22 Analyzed: 09/19/22

Diesel Range Organics (C10-C28)	235	25.0	250	25.6	83.9	38-132	4.29	20	
Surrogate: <i>n</i> -Nonane	34.4		50.0		68.7	50-200			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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#### Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2239009-BLK1)**

Prepared: 09/19/22 Analyzed: 09/19/22

Chloride ND 20.0

**LCS (2239009-BS1)**

Prepared: 09/19/22 Analyzed: 09/19/22

Chloride 264 20.0 250 106 90-110

**Matrix Spike (2239009-MS1)**

Source: E209083-01

Prepared: 09/19/22 Analyzed: 09/19/22

Chloride 282 20.0 250 22.6 104 80-120

**Matrix Spike Dup (2239009-MSD1)**

Source: E209083-01

Prepared: 09/19/22 Analyzed: 09/19/22

Chloride 292 20.0 250 22.6 108 80-120 3.60 20



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/20/2022 4:53:35PM
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#### Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2239010-BLK1)**

Prepared: 09/19/22 Analyzed: 09/19/22

Chloride	ND	20.0							
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**LCS (2239010-BS1)**

Prepared: 09/19/22 Analyzed: 09/19/22

Chloride	244	20.0	250		97.5	90-110			
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**Matrix Spike (2239010-MS1)**

Source: E209084-01

Prepared: 09/19/22 Analyzed: 09/19/22

Chloride	326	20.0	250	101	90.2	80-120			
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**Matrix Spike Dup (2239010-MSD1)**

Source: E209084-01

Prepared: 09/19/22 Analyzed: 09/19/22

Chloride	314	20.0	250	101	85.5	80-120	3.72	20	
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QC Summary Report Comment:

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



## Definitions and Notes

Carmona Resources	Project Name:	Longview 1-21	
310 West Wall St. Suite 415	Project Number:	01058-0007	<b>Reported:</b>
Midland TX, 79701	Project Manager:	Mike Carmona	09/20/22 16:53

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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





# Chain of Custody

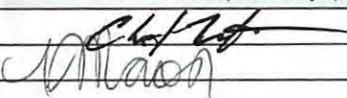
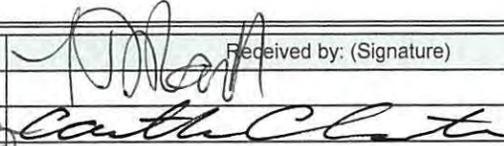
Work Order No: E209084  
Job# 01058-0007

Project Manager:	Mike Carmona	Bill to: (if different)	"
Company Name:	Carmona Resources	Company Name:	"
Address:	310 W Wall St Ste 415	Address:	"
City, State ZIP:	Midland, TX 79701	City, State ZIP:	"
Phone:	432.813.1992	Email:	"

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	Reporting: Level 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:		Turn Around		ANALYSIS REQUEST										Preservative Codes								
Project Number:		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0										None: NO		DI Water: H <sub>2</sub> O						
Project Location:		Due Date:												Cool: Cool		MeOH: Me						
Sampler's Name:		24 Hours												HCL: HC		HNO <sub>3</sub> : HN						
PO #:														H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>		NaOH: Na						
SAMPLE RECEIPT		Temp Blank:		Wet Ice:												Sample Comments						
Received Intact:		Yes No		Yes No																		
Cooler Custody Seals:		Yes No N/A		Correction Factor:																		
Sample Custody Seals:		Yes No N/A		Temperature Reading:																		
Total Containers:				Corrected Temperature:																		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont															
11 CS-59 (3')		9/16	-	X		Comp	1	X	X	X												
12 60			-	X			1	X	X	X												
13 61			-	X			1	X	X	X												
14 62			-	X			1	X	X	X												
15 63			-	X			1	X	X	X												
16 64			-	X			1	X	X	X												
17 65			-	X			1	X	X	X												
18 66			-	X			1	X	X	X												
19 67			-	X			1	X	X	X												
20 68			-	X			1	X	X	X												

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9-16-22 4:15		9/16/22 11:50



**Envirotech Analytical Laboratory**

Printed: 9/19/2022 8:48:08AM

**Sample Receipt Checklist (SRC)**

**Instructions:** Please take note of any NO checkmarks.

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

Client:	Carmona Resources	Date Received:	09/17/22 11:50	Work Order ID:	E209084
Phone:	(432) 813-6823	Date Logged In:	09/16/22 16:32	Logged In By:	Caitlin Christian
Email:	mcarmona@carmonaresources.com	Due Date:	09/19/22 17:00 (0 day TAT)		

**Chain of Custody (COC)**

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

Carrier: UPS

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

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Comments/Resolution**

Time sampled not provided on COC.

**Client Instruction**

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

\_\_\_\_\_  
Date



envirotech Inc.

Report to:  
Mike Carmona



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Carmona Resources

Project Name: Longview 1-21 2nd Release

Work Order: E209157

Job Number: 01058-0007

Received: 9/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/30/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 9/30/22



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

Project Name: Longview 1-21 2nd Release  
Workorder: E209157  
Date Received: 9/29/2022 10:20:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/29/2022 10:20:00AM, under the Project Name: Longview 1-21 2nd Release.

The analytical test results summarized in this report with the Project Name: Longview 1-21 2nd Release apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

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**Lynn Jarboe**  
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Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

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

Project Name: Longview 1-21 2nd Release  
Project Number: 01058-0007  
Project Manager: Mike Carmona

**Reported:**  
09/30/22 16:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-70 (3')	E209157-01A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-71 (3')	E209157-02A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-72 (3')	E209157-03A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-73 (3')	E209157-04A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-74 (3')	E209157-05A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-75 (3')	E209157-06A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-76 (3')	E209157-07A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-77 (3')	E209157-08A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-78 (3')	E209157-09A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-79 (3')	E209157-10A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-80 (3')	E209157-11A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-81 (3')	E209157-12A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-82 (3')	E209157-13A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-83 (3')	E209157-14A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-84 (3')	E209157-15A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-85 (3')	E209157-16A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-86 (3')	E209157-17A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-87 (3')	E209157-18A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-88 (3')	E209157-19A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-89 (3')	E209157-20A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-70 (3')**

**E209157-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22
Toluene	ND	0.0250	1	09/29/22	09/29/22
o-Xylene	ND	0.0250	1	09/29/22	09/29/22
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22

<i>Surrogate: Bromofluorobenzene</i>	95.7 %	70-130		09/29/22	09/29/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	94.7 %	70-130		09/29/22	09/29/22
<i>Surrogate: Toluene-d8</i>	105 %	70-130		09/29/22	09/29/22

<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22
<i>Surrogate: Bromofluorobenzene</i>	95.7 %	70-130		09/29/22	09/29/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	94.7 %	70-130		09/29/22	09/29/22
<i>Surrogate: Toluene-d8</i>	105 %	70-130		09/29/22	09/29/22

<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22
<i>Surrogate: n-Nonane</i>	112 %	50-200		09/29/22	09/29/22

<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: KL		Batch: 2240050
Chloride	20.0	20.0	1	09/28/22	09/29/22



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-71 (3')**

**E209157-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		96.2 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		96.2 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		113 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-72 (3')**

**E209157-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		96.7 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.2 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		96.7 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.2 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		117 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-73 (3')**

**E209157-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-74 (3')**

**E209157-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		96.3 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.4 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		96.3 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.4 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		116 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-75 (3')**

**E209157-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		95.0 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.6 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		95.0 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.6 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		91.0 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-76 (3')**

**E209157-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.7 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.7 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-77 (3')**

**E209157-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.5 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.5 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-78 (3')**  
**E209157-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		99.7 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.9 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		95.7 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		99.7 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.9 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		95.7 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		115 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-79 (3')**

**E209157-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		96.7 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		96.7 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		113 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-80 (3')**

**E209157-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		97.5 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.2 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		96.1 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		97.5 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.2 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		96.1 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		103 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-81 (3')  
E209157-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		97.8 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		97.8 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-82 (3')**

**E209157-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		96.4 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		98.7 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		96.4 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		98.7 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		96.2 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	20.9	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-83 (3')**

**E209157-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		97.7 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		97.7 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-84 (3')**

**E209157-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		95.4 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		97.6 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		95.4 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		97.6 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		102 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-85 (3')**

**E209157-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-86 (3')**

**E209157-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		103 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-87 (3')**

**E209157-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.3 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.2 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.3 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.2 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-88 (3')**  
**E209157-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.1 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		99.5 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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**CS-89 (3')**

**E209157-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		95.7 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.0 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		97.7 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		95.7 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.0 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		97.7 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		107 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	Reported: 9/30/2022 4:25:40PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2240074-BLK1)

Prepared: 09/29/22 Analyzed: 09/29/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.445		0.500		89.0	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			

#### LCS (2240074-BS1)

Prepared: 09/29/22 Analyzed: 09/29/22

Benzene	1.84	0.0250	2.50		73.5	70-130			
Ethylbenzene	2.02	0.0250	2.50		80.8	70-130			
Toluene	1.86	0.0250	2.50		74.5	70-130			
o-Xylene	2.07	0.0250	2.50		82.9	70-130			
p,m-Xylene	3.99	0.0500	5.00		79.8	70-130			
Total Xylenes	6.06	0.0250	7.50		80.8	70-130			
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.432		0.500		86.4	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			

#### LCS Dup (2240074-BSD1)

Prepared: 09/29/22 Analyzed: 09/29/22

Benzene	2.07	0.0250	2.50		82.8	70-130	11.9	23	
Ethylbenzene	2.24	0.0250	2.50		89.5	70-130	10.3	27	
Toluene	2.08	0.0250	2.50		83.2	70-130	11.0	24	
o-Xylene	2.26	0.0250	2.50		90.5	70-130	8.76	27	
p,m-Xylene	4.45	0.0500	5.00		89.0	70-130	10.9	27	
Total Xylenes	6.71	0.0250	7.50		89.5	70-130	10.2	27	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.443		0.500		88.6	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240074-BLK1)**

Prepared: 09/29/22 Analyzed: 09/29/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.445		0.500		89.0	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			

**LCS (2240074-BS2)**

Prepared: 09/29/22 Analyzed: 09/29/22

Gasoline Range Organics (C6-C10)	39.9	20.0	50.0		79.8	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.427		0.500		85.3	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.8	70-130			

**LCS Dup (2240074-BSD2)**

Prepared: 09/29/22 Analyzed: 09/29/22

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.1	70-130	7.58	20	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.432		0.500		86.4	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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

**Blank (2240040-BLK1)**

Prepared: 09/29/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	58.7		50.0		117	50-200			

**LCS (2240040-BS1)**

Prepared: 09/29/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	242	25.0	250		96.8	38-132			
Surrogate: <i>n</i> -Nonane	57.8		50.0		116	50-200			

**Matrix Spike (2240040-MS1)**

Source: E209157-18

Prepared: 09/29/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.2	38-132			
Surrogate: <i>n</i> -Nonane	58.2		50.0		116	50-200			

**Matrix Spike Dup (2240040-MSD1)**

Source: E209157-18

Prepared: 09/29/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.2	38-132	0.0639	20	
Surrogate: <i>n</i> -Nonane	54.8		50.0		110	50-200			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:25:40PM
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#### Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240050-BLK1)**

Prepared: 09/28/22 Analyzed: 09/29/22

Chloride	ND	20.0							
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**LCS (2240050-BS1)**

Prepared: 09/28/22 Analyzed: 09/29/22

Chloride	249	20.0	250		99.6	90-110			
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**LCS Dup (2240050-BSD1)**

Prepared: 09/28/22 Analyzed: 09/29/22

Chloride	248	20.0	250		99.4	90-110	0.260	20	
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QC Summary Report Comment:

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



## Definitions and Notes

Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	<b>Reported:</b>
Midland TX, 79701	Project Manager:	Mike Carmona	09/30/22 16:25

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



# Chain of Custody

Work Order No: E209157  
 Job# 01058-0007

Project Manager:	Mike Carmona	Bill to: (if different)	Dale Woodall
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 West Wall St. Suite 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-1992	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/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:	Longview 1-21 2nd Release	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes				
Project Number:	1117	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush															None: NO	DI Water: H <sub>2</sub> O
Project Location	Eddy Co, NM	Due Date:	24HRS															Cool: Cool	MeOH: Me
Sampler's Name:	CCM																	HCL: HC	HNO <sub>3</sub> : HN
WO #:	WO#21064317																	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"/>	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Received Intact:		Thermometer ID:		Sample Comments				
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																	
Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:																
Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:																
Additional Containers:		Corrected Temperature:																	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													
CS- 70 (3')	9/26/2022		X		Comp	1	X	X	X									1	
CS- 71 (3')	9/26/2022		X		Comp	1	X	X	X									2	
CS- 72 (3')	9/26/2022		X		Comp	1	X	X	X									3	
CS- 73 (3')	9/26/2022		X		Comp	1	X	X	X									4	
CS- 74 (3')	9/26/2022		X		Comp	1	X	X	X									5	
CS- 75 (3')	9/26/2022		X		Comp	1	X	X	X									6	
CS- 76 (3')	9/26/2022		X		Comp	1	X	X	X									7	
CS- 77 (3')	9/26/2022		X		Comp	1	X	X	X									8	
CS- 78 (3')	9/26/2022		X		Comp	1	X	X	X									9	
CS- 79 (3')	9/26/2022		X		Comp	1	X	X	X									10	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com, , Clinton Merritt Merritt@carmonaresources.com

Received on visible ice @ 4°C. 9/29/22

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9.27.22		9.27.22
	9.27.22		9/29/22 10:20

Released to Imaging: 7/3/2023 10:11:00 AM

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Received by OCD: 10/31/2022 2:21:20 PM

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# Chain of Custody

Work Order No: E209157  
 Job# 01058-0007

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Released to Imaging: 1/17/2023 10:11:00 AM

Received by OCD: 10/31/2022 2:21:20 PM

Project Manager:	Mike Carmona	Bill to: (if different)	Dale Woodall
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 West Wall St. Suite 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-1992	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/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:	Longview 1-21 2nd Release	Turn Around		ANALYSIS REQUEST										Preservative Codes								
Project Number:	1117	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Pres. Code														None: NO	DI Water: H <sub>2</sub> O			
Project Location	Eddy Co, NM	Due Date:	24HRS	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD											Cool: Cool	MeOH: Me		
Sampler's Name:	CCM											HCL: HC	HNO <sub>3</sub> : HN									
WO #:	WO#21064317											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>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:											NaHSO <sub>4</sub> : NABIS									
Color Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:											Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>									
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:											Zn Acetate+NaOH: Zn									
Original Containers:		Corrected Temperature:											NaOH+Ascorbic Acid: SAPC									
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS- 80 (3')	9/26/2022		X		Comp	1	X	X	X										11			
CS- 81 (3')	9/26/2022		X		Comp	1	X	X	X										12			
CS- 82 (3')	9/26/2022		X		Comp	1	X	X	X										13			
CS- 83 (3')	9/26/2022		X		Comp	1	X	X	X										14			
CS- 84 (3')	9/26/2022		X		Comp	1	X	X	X										15			
CS- 85 (3')	9/26/2022		X		Comp	1	X	X	X										16			
CS- 86 (3')	9/26/2022		X		Comp	1	X	X	X										17			
CS- 87 (3')	9/26/2022		X		Comp	1	X	X	X										18			
CS- 88 (3')	9/26/2022		X		Comp	1	X	X	X										19			
CS- 89 (3')	9/26/2022		X		Comp	1	X	X	X										20			

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com, , Clinton Merritt Merritt@carmonaresources.com

Received on visible ice @ 4°C 9/29/22

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9.27.22		9.27.22
	9.27.22		9/29/22 10:20

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Envirotech Analytical Laboratory

Printed: 9/29/2022 11:35:50AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Carmona Resources	Date Received:	09/29/22 10:20	Work Order ID:	E209157
Phone:	(432) 813-6823	Date Logged In:	09/27/22 16:02	Logged In By:	Alexa Michaels
Email:	mcarmona@carmonaresources.com	Due Date:	09/29/22 17:00 (0 day TAT)		

**Chain of Custody (COC)**

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

Carrier: UPS

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

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Comments/Resolution**

Project was separated into 2 reports due to amount of samples. Workorders are as follows:  
 E209157 COC pg 1&2 of 4, E209158 COC pg 3&4 of 4. Time sampled not provided on COC.

**Client Instruction**

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

Date



envirotech Inc.

Report to:  
Mike Carmona



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Carmona Resources

Project Name: Longview 1-21 2nd Release

Work Order: E209158

Job Number: 01058-0007

Received: 9/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/30/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 9/30/22

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

Project Name: Longview 1-21 2nd Release  
Workorder: E209158  
Date Received: 9/29/2022 10:20:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/29/2022 10:20:00AM, under the Project Name: Longview 1-21 2nd Release.

The analytical test results summarized in this report with the Project Name: Longview 1-21 2nd Release apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

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

Project Name: Longview 1-21 2nd Release  
Project Number: 01058-0007  
Project Manager: Mike Carmona

**Reported:**  
09/30/22 16:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-90 (3')	E209158-01A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-91 (3')	E209158-02A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-92 (3')	E209158-03A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-93 (3')	E209158-04A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-94 (3')	E209158-05A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-95 (3')	E209158-06A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-96 (3')	E209158-07A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-97 (3')	E209158-08A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-98 (3')	E209158-09A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
CS-99 (3')	E209158-10A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
SW-13 (3')	E209158-11A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
SW-14 (3')	E209158-12A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
SW-15 (3')	E209158-13A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
SW-16 (3')	E209158-14A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.
SW-17 (3')	E209158-15A	Soil	09/26/22	09/29/22	Glass Jar, 4 oz.



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**CS-90 (3')**

**E209158-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2240064
Benzene	ND	0.0250	1	09/29/22	09/29/22
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22
Toluene	ND	0.0250	1	09/29/22	09/29/22
o-Xylene	ND	0.0250	1	09/29/22	09/29/22
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22

<i>Surrogate: Bromofluorobenzene</i>	97.1 %	70-130		09/29/22	09/29/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	101 %	70-130		09/29/22	09/29/22
<i>Surrogate: Toluene-d8</i>	98.0 %	70-130		09/29/22	09/29/22

<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22
<i>Surrogate: Bromofluorobenzene</i>	97.1 %	70-130		09/29/22	09/29/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	101 %	70-130		09/29/22	09/29/22
<i>Surrogate: Toluene-d8</i>	98.0 %	70-130		09/29/22	09/29/22

<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22
<i>Surrogate: n-Nonane</i>	81.6 %	50-200		09/29/22	09/29/22

<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: KL		Batch: 2240051
Chloride	ND	20.0	1	09/28/22	09/29/22



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**CS-91 (3')**  
**E209158-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240064
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		99.0 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		99.0 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		74.8 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**CS-92 (3')**

**E209158-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240064
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		84.0 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**CS-93 (3')**  
**E209158-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240064
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		81.5 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	ND	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**CS-94 (3')**

**E209158-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240064
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		98.3 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		98.3 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		74.4 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	112	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**CS-95 (3')**

**E209158-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240064
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	09/29/22	09/29/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %	70-130	09/29/22	09/29/22	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		74.5 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	243	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**CS-96 (3')**

**E209158-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.5 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	158	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**CS-97 (3')**

**E209158-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.1 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	59.8	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**CS-98 (3')**

**E209158-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.9 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	266	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**CS-99 (3')**

**E209158-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.2 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		103 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	122	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**SW-13 (3')**

**E209158-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.2 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	138	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**SW-14 (3')**

**E209158-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.9 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.1 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	59.5	20.0	1	09/28/22	09/29/22	



## Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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## SW-15 (3')

## E209158-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.8 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	185	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**SW-16 (3')**

**E209158-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.1 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		111 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	103	20.0	1	09/28/22	09/29/22	



### Sample Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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**SW-17 (3')**

**E209158-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Benzene	ND	0.0250	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.5 %	70-130	09/29/22	09/29/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	09/29/22	09/29/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240051
Chloride	133	20.0	1	09/28/22	09/29/22	



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD % %	RPD Limit %	Notes
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**Blank (2240064-BLK1)**

Prepared: 09/28/22 Analyzed: 09/28/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

**LCS (2240064-BS1)**

Prepared: 09/28/22 Analyzed: 09/28/22

Benzene	2.18	0.0250	2.50		87.3	70-130			
Ethylbenzene	2.11	0.0250	2.50		84.2	70-130			
Toluene	2.13	0.0250	2.50		85.4	70-130			
o-Xylene	2.13	0.0250	2.50		85.1	70-130			
p,m-Xylene	4.19	0.0500	5.00		83.9	70-130			
Total Xylenes	6.32	0.0250	7.50		84.3	70-130			
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			

**LCS Dup (2240064-BSD1)**

Prepared: 09/28/22 Analyzed: 09/28/22

Benzene	2.17	0.0250	2.50		86.6	70-130	0.736	23	
Ethylbenzene	2.10	0.0250	2.50		83.9	70-130	0.404	27	
Toluene	2.11	0.0250	2.50		84.5	70-130	1.08	24	
o-Xylene	2.11	0.0250	2.50		84.5	70-130	0.708	27	
p,m-Xylene	4.19	0.0500	5.00		83.8	70-130	0.0477	27	
Total Xylenes	6.30	0.0250	7.50		84.0	70-130	0.269	27	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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#### Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240075-BLK1)**

Prepared: 09/29/22 Analyzed: 09/30/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			

**LCS (2240075-BS1)**

Prepared: 09/29/22 Analyzed: 09/30/22

Benzene	5.10	0.0250	5.00		102	70-130			
Ethylbenzene	4.17	0.0250	5.00		83.4	70-130			
Toluene	4.44	0.0250	5.00		88.8	70-130			
o-Xylene	4.24	0.0250	5.00		84.9	70-130			
p,m-Xylene	8.46	0.0500	10.0		84.6	70-130			
Total Xylenes	12.7	0.0250	15.0		84.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			

**LCS Dup (2240075-BSD1)**

Prepared: 09/29/22 Analyzed: 09/30/22

Benzene	5.75	0.0250	5.00		115	70-130	12.0	20	
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130	12.0	20	
Toluene	5.01	0.0250	5.00		100	70-130	12.0	20	
o-Xylene	4.80	0.0250	5.00		96.0	70-130	12.3	20	
p,m-Xylene	9.51	0.0500	10.0		95.1	70-130	11.7	20	
Total Xylenes	14.3	0.0250	15.0		95.4	70-130	11.9	20	
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240064-BLK1)**

Prepared: 09/28/22 Analyzed: 09/28/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

**LCS (2240064-BS2)**

Prepared: 09/28/22 Analyzed: 09/28/22

Gasoline Range Organics (C6-C10)	40.7	20.0	50.0		81.5	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			

**LCS Dup (2240064-BSD2)**

Prepared: 09/28/22 Analyzed: 09/28/22

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.5	70-130	12.7	20	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.7	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240075-BLK1)**

Prepared: 09/29/22 Analyzed: 09/30/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.8	70-130			

**LCS (2240075-BS2)**

Prepared: 09/29/22 Analyzed: 09/30/22

Gasoline Range Organics (C6-C10)	49.2	20.0	50.0		98.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.4	70-130			

**LCS Dup (2240075-BSD2)**

Prepared: 09/29/22 Analyzed: 09/30/22

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.3	70-130	11.9	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240039-BLK1)**

Prepared: 09/28/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.2		50.0		100	50-200			

**LCS (2240039-BS1)**

Prepared: 09/28/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: <i>n</i> -Nonane	52.9		50.0		106	50-200			

**Matrix Spike (2240039-MS1)**

Source: E209156-01

Prepared: 09/28/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132			
Surrogate: <i>n</i> -Nonane	53.8		50.0		108	50-200			

**Matrix Spike Dup (2240039-MSD1)**

Source: E209156-01

Prepared: 09/28/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	312	25.0	250	ND	125	38-132	14.0	20	
Surrogate: <i>n</i> -Nonane	58.5		50.0		117	50-200			



### QC Summary Data

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701	Project Name: Longview 1-21 2nd Release Project Number: 01058-0007 Project Manager: Mike Carmona	<b>Reported:</b> 9/30/2022 4:15:06PM
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#### Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240051-BLK1)**

Prepared: 09/28/22 Analyzed: 09/29/22

Chloride	ND	20.0							
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**LCS (2240051-BS1)**

Prepared: 09/28/22 Analyzed: 09/29/22

Chloride	268	20.0	250		107	90-110			
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**LCS Dup (2240051-BSD1)**

Prepared: 09/28/22 Analyzed: 09/29/22

Chloride	259	20.0	250		104	90-110	3.45	20	
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QC Summary Report Comment:

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



## Definitions and Notes

Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	<b>Reported:</b>
Midland TX, 79701	Project Manager:	Mike Carmona	09/30/22 16:15

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



# Chain of Custody

Work Order No: E209158  
 Job# 01058-0007

Released to Imaging: 1/17/2023 10:11:50 AM

Received by OCD: 10/31/2022 2:21:20 PM

Project Manager:	Mike Carmona	Bill to: (if different)	Dale Woodall
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 West Wall St. Suite 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-1992	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

Project Name:		Longview 1-21 2nd Release		Turn Around		ANALYSIS REQUEST										Preservative Codes						
Project Number:	1117	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Pres. Code													None: NO	DI Water: H <sub>2</sub> O				
Project Location	Eddy Co, NM	Due Date:	24HRS	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD											Cool: Cool	MeOH: Me		
Sampler's Name:	CCM											HCL: HC	HNO <sub>3</sub> : HN									
WO #:	WO#21064317											H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na									
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="radio"/> No <input type="radio"/>						Wet Ice:	Yes <input checked="" type="radio"/> No <input type="radio"/>											H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes <input checked="" type="radio"/> No <input type="radio"/>	Thermometer ID:																	NaHSO <sub>4</sub> : NABIS			
Sampler Custody Seals:	Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	Correction Factor:												Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>								
Sample Custody Seals:	Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	Temperature Reading:												Zn Acetate+NaOH: Zn								
Final Containers:		Corrected Temperature:												NaOH+Ascorbic Acid: SAPC								
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont												Sample Comments				
CS- 90 (3')	9/26/2022		X		Comp	1	X	X	X									1				
CS- 91 (3')	9/26/2022		X		Comp	1	X	X	X									2				
CS- 92 (3')	9/26/2022		X		Comp	1	X	X	X									3				
CS- 93 (3')	9/26/2022		X		Comp	1	X	X	X									4				
CS- 94 (3')	9/26/2022		X		Comp	1	X	X	X									5				
CS- 95 (3')	9/26/2022		X		Comp	1	X	X	X									6				
CS- 96 (3')	9/26/2022		X		Comp	1	X	X	X									7				
CS- 97 (3')	9/26/2022		X		Comp	1	X	X	X									8				
CS- 98 (3')	9/26/2022		X		Comp	1	X	X	X									9				
CS- 99 (3')	9/26/2022		X		Comp	1	X	X	X									10				

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com, , Clinton Merritt Merrittc@carmonaresources.com

Received on visible ice @ 4°C 9/29/22

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/27/22		9.27.22
	9-27-22		9/29/22 10:20

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# Chain of Custody

Work Order No: E209158  
 Job# 01058-0007

Released to Imaging: 1/17/2023 10:11:00 AM

Received by OCD: 10/31/2022 2:21:20 PM

Project Manager:	Mike Carmona	Bill to: (if different)	Dale Woodall
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 West Wall St. Suite 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-1992	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/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:	Longview 1-21 2nd Release	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes																	
Project Number:	1117	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush																													
Project Location	Eddy Co, NM	Due Date:	24HRS																													
Sampler's Name:	CCM																															
WO #:	WO#21064317																															
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Parameters BTEX 8021B TPH 8015M ( GRO + DRO + MRO) Chloride 4500 HOLD													None: NO		DI Water: H <sub>2</sub> O											
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																													Cool: Cool	MeOH: Me
Outer Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:																													HCL: HC	HNO <sub>3</sub> : HN
Inner Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:																													H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
Original Containers:		Corrected Temperature:																													H <sub>3</sub> PO <sub>4</sub> : HP	
																		NaHSO <sub>4</sub> : NABIS														
																		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>														
																		Zn Acetate+NaOH: Zn														
																		NaOH+Ascorbic Acid: SAPC														
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont														Sample Comments												
SW - 13 (3')	9/26/2022		X		Comp	1	X	X	X											11												
SW - 14 (3')	9/26/2022		X		Comp	1	X	X	X											12												
SW - 15 (3')	9/26/2022		X		Comp	1	X	X	X											13												
SW - 16 (3')	9/26/2022		X		Comp	1	X	X	X											14												
SW - 17 (3')	9/26/2022		X		Comp	1	X	X	X											15												

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com, , Clinton Merritt Merritt@carmonaresources.com

Received on usable ice @ 4°C 9/29/22

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9-27-22 9-27-22		9-27-22 9/29/22 10:20

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**Envirotech Analytical Laboratory**

Printed: 9/29/2022 1:37:02PM

**Sample Receipt Checklist (SRC)**

**Instructions:** Please take note of any NO checkmarks.

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

Client:	Carmona Resources	Date Received:	09/29/22 10:20	Work Order ID:	E209158
Phone:	(432) 813-6823	Date Logged In:	09/27/22 16:12	Logged In By:	Alexa Michaels
Email:	mcarmona@carmonaresources.com	Due Date:	09/29/22 17:00 (0 day TAT)		

**Chain of Custody (COC)**

- 1. Does the sample ID match the COC? Yes
  - 2. Does the number of samples per sampling site location match the COC? Yes
  - 3. Were samples dropped off by client or carrier? Yes
  - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
  - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: UPS

**Comments/Resolution**

Project was separated into 2 reports due to amount of samples. Workorders are as follows:  
 E209157 COC pg 1&2 of 4, E209158 COC pg 3&4 of 4. Time sampled not provided on COC.

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

- 7. Was a sample cooler received? Yes
  - 8. If yes, was cooler received in good condition? Yes
  - 9. Was the sample(s) received intact, i.e., not broken? Yes
  - 10. Were custody/security seals present? No
  - 11. If yes, were custody/security seals intact? NA
  - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
13. If no visible ice, record the temperature. Actual sample temperature: 4°C

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

\_\_\_\_\_  
 Date



envirotech Inc.

**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 155030

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 155030
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2223655772 LONGVIEW FEDERAL 1 #021H, thank you. This closure is approved.	1/3/2023