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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 it	ems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
✓ Laboratory analyses of final sampling (Note: appropriate ODC)	District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and remulation human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulativestore, reclaim, and re-vegetate the impacted surface area to the confaccordance with 19.15.29.13 NMAC including notification to the OC Printed Name:  Dale Woodall  Signature:  Dale Woodall	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially aditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.  Title: Environmental Professional  Date: 10/31/2022
email: dale.woodall@dvn.com	Telephone: 405-318-4697
OCD Only	
Received by:	Date:10/31/2022
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: Robert Hamlet	Date:12/30/2022
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced

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Incident ID	nAPP2217225569 / nAPP2223655772	
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?	>51 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ✓ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes 🗸 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes 🗸 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes 🗸 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes 🗸 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ✓ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes 🗸 No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ✓ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ✓ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ✓ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ✓ No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	✓ Yes ☐ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
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 well Field data	ls.
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.

Received by OCD: 10/31/2022 2:19:14 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

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Incident ID	nAPP2217225569 / nAPP2223655772
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release noti public health or the environment. The acceptance of a C-141 report by the C failed to adequately investigate and remediate contamination that pose a thre addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	ifications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name: Dale Woodall	Title: Environment Professional
Signature: Dala Woodall	Date: 10/31/2022
email: dale.woodall@dvn.com	Telephone: 405-318-4697
OCD Only	
Received by:	Date:10/31/2022

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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 it	tems must be included in the closure report.
✓ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
✓ Laboratory analyses of final sampling (Note: appropriate ODC)	District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and remuman health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulate restore, reclaim, and re-vegetate the impacted surface area to the confidence with 19.15.29.13 NMAC including notification to the OC Printed Name:  Dale Woodall  Signature: Dale Woodall	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.  Title: Environmental Professional  Date:10/31/2022
email: dale.woodall@dvn.com	Telephone: 405-318-4697
OCD Only	
Received by:	Date:10/31/2022
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:



## SITE INFORMATION

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



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5.0 REMEDIATION ACTIVITIES

**6.0 CONCLUSIONS** 

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APPENDIX B PHOTOS

APPENDIX C INITIAL C-141 AND FINAL/NMOCD CORRESPONDENCE

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS



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

310 West Wall Street, Suite 415 Midland, Texas 79701



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

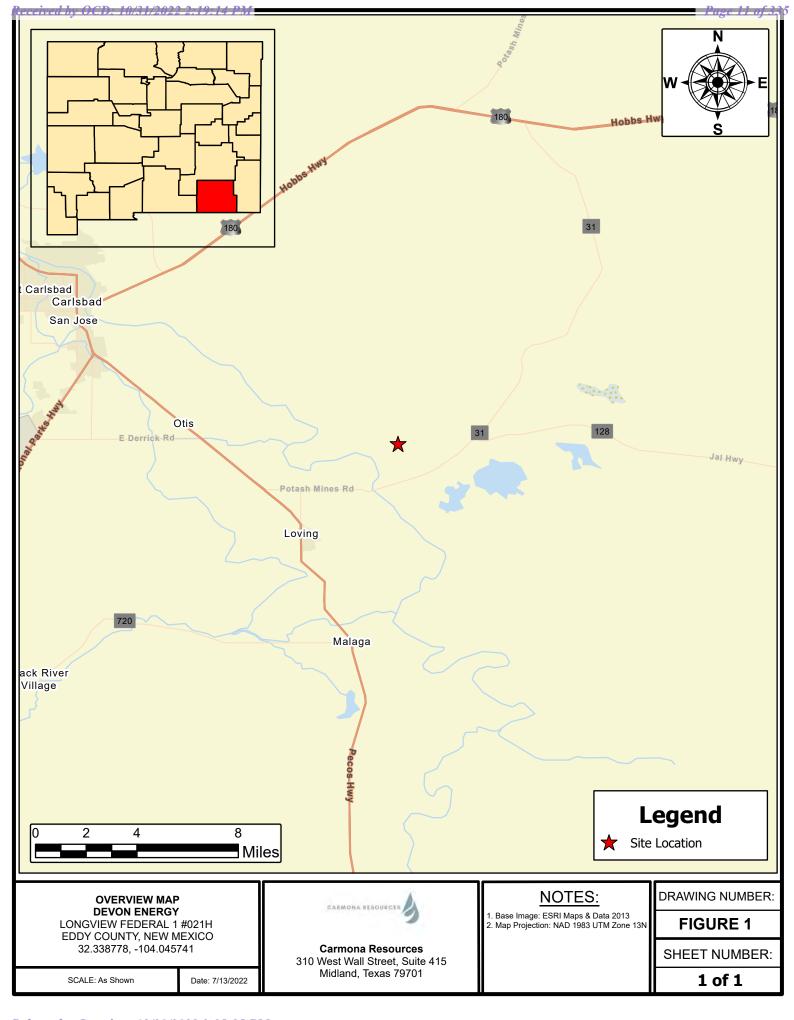
Environmental Manager

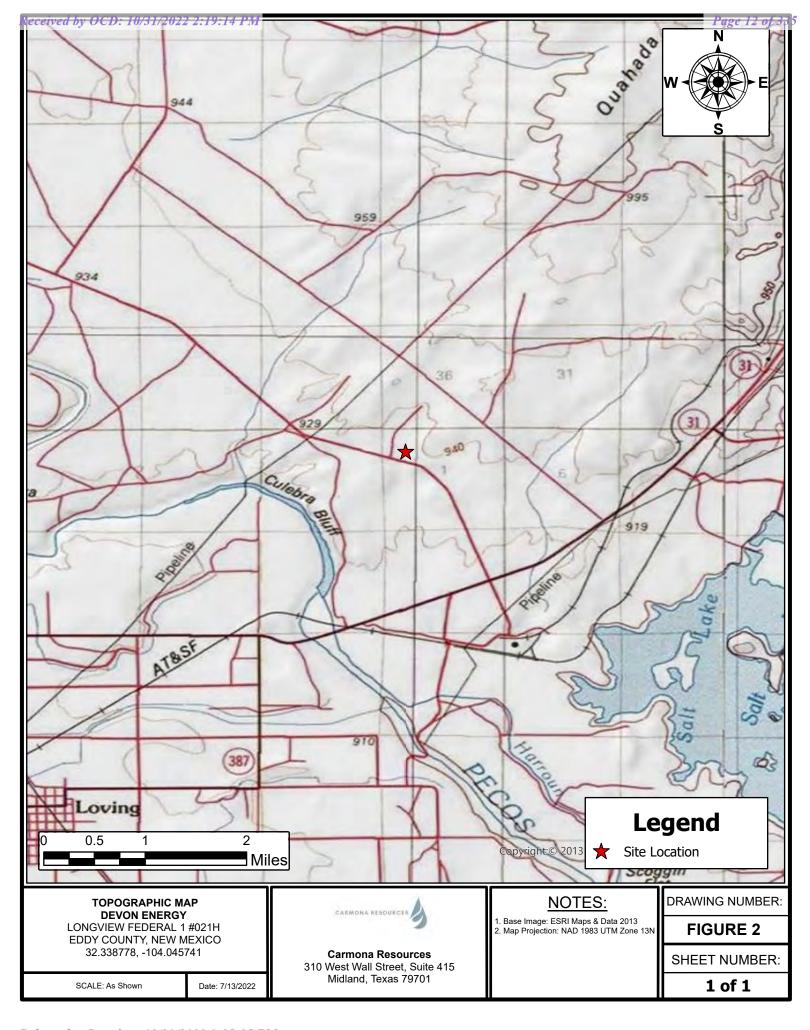
Conner Moehring

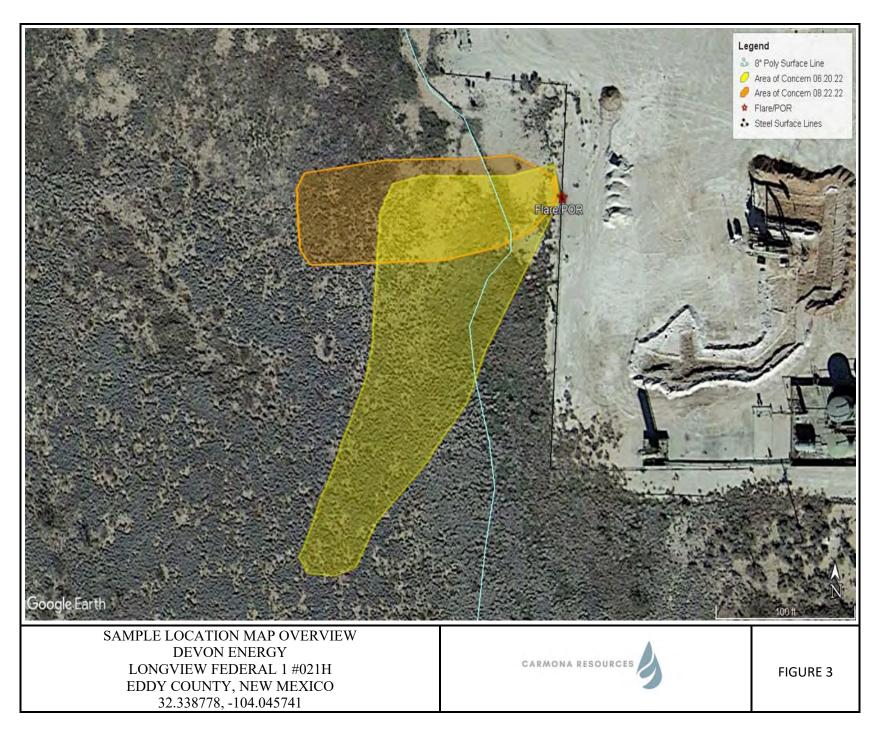
Sr. Project Manager

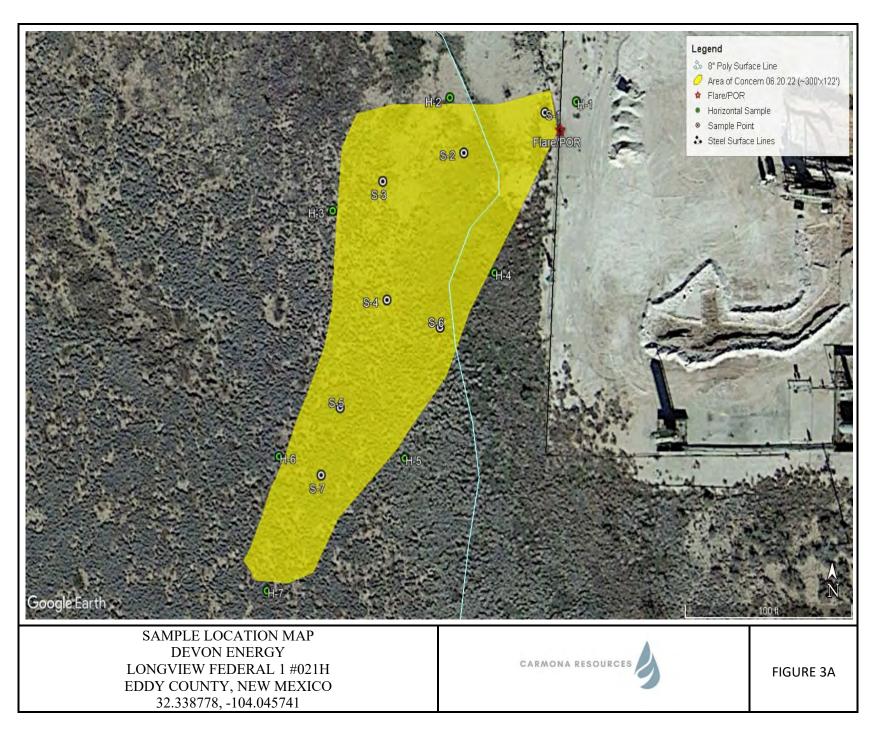
# **FIGURES**

# CARMONA RESOURCES

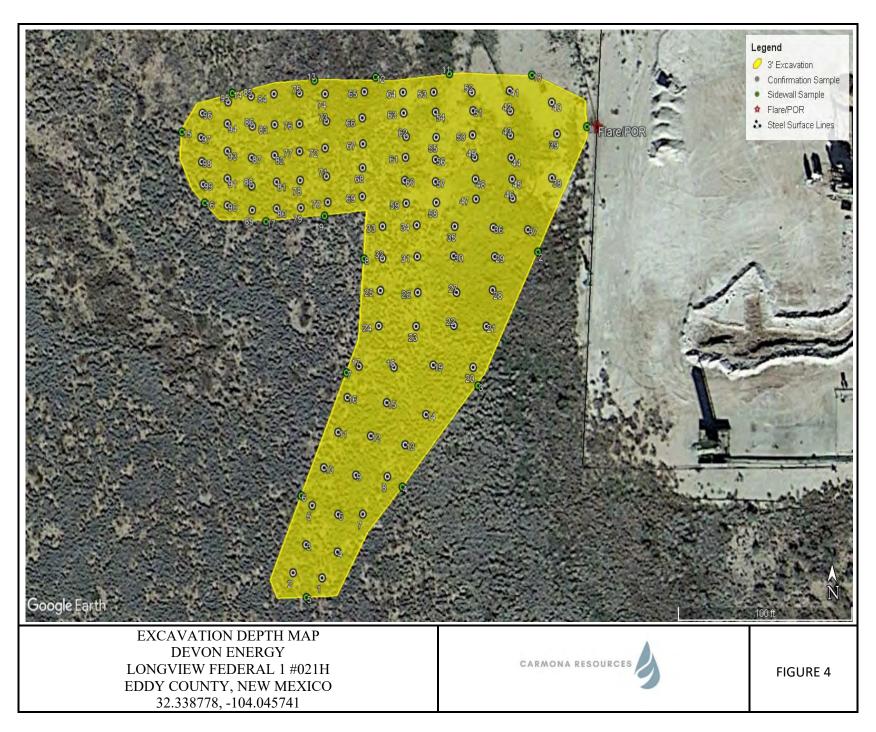












# **APPENDIX A**

# CARMONA RESOURCES

Table 1
Devon Energy
Longview Federal 1 #021H (NAPP2217225569)
Eddy County, New Mexico

				TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	6/29/2022	0-0.25	465	26,900	8,440	35,805	2.11	32.4	13.6	115	163	ND
S-1	"	0.5	515	34,400	10,400	45,315	1.97	32.3	14.7	118	163	ND
3-1	"	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
	6/29/2022	0-0.25	402	33,200	10,400	44,002	2.15	28.8	12.0	96.0	139	ND
S-2	"	0.5	ND	162	62.2	224	ND	ND	ND	0.0931	139	ND
3-2	"	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
	6/29/2022	0-0.25	976	39,800	14,100	54,876	2.68	42.7	19.6	185	250	22.8
S-3	"	0.5	ND	525	261	786	ND	ND	ND	0.240	0.24	ND
	"	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2022	0-0.25	1,360	40,500	12,800	54,660	2.91	48.3	23.6	194	269	26.6
S-4	"	0.5	ND	3,120	1,340	4,460	ND	ND	0.0403	0.530	0.5703	ND
	"	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.1
	6/29/2022	0-0.25	589	44,600	17,300	62,489	2.21	32.6	15.6	115	165	21.8
S-5	"	0.5	ND	370	174	544	ND	ND	0.0281	0.246	0.274	ND
	"	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2022	0-0.25	ND	87.6	52.5	140	ND	ND	ND	ND	ND	29.4
S-6	"	0.5	ND	113	66.3	179	ND	ND	ND	ND	ND	25.7
	"	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2022	0-0.25	ND	142	85.0	227	ND	ND	ND	ND	ND	22.1
S-7	"	0.5	ND	195	138	333	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
	ry Criteria <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

(S) Sample Point

(H) Horizontal

Removed

Table 1
Devon Energy
Longview Federal 1 #021H (NAPP2223655772)
Eddy County, New Mexico

Committee ID	Dete	Donath (ft)	TPH (mg/kg)				Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	8/31/2022	0.5	ND	768	426	1,194	ND	0.0495	ND	ND	0.0495	103
S-1		1.0	ND	1,580	808	2,388	ND	ND	ND	ND	ND	121
J-1	"	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
	8/31/2022	0.5	ND	8,220	7,970	16,190	ND	ND	ND	ND	ND	27.3
S-2		1.0	ND	37.8	ND	37.8	ND	ND	ND	ND	ND	88.1
3-2	"	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
	8/31/2022	0.5	ND	5,890	ND	5,890	ND	ND	ND	ND	ND	31.2
S-3		1.0	ND	119	101	219	ND	ND	ND	ND	ND	ND
3-3	"	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
Regulato	ry Criteria <sup>A</sup>					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

<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

Commis ID	Dete	Donath (f4)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
Regulato	ry Criteria <sup>A</sup>					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

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

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

Table 2
Devon Energy
Longview Federal 1 #021H
Eddy County, New Mexico

Commis ID	D-11-	D = 11 (ft)		ТРН	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
	ry Criteria A					100 mg/kg	10 mg/kg	-		-	50 mg/kg	600 mg/kg

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

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons ft - feet

Table 2
Devon Energy
Longview Federal 1 #021H
Eddy County, New Mexico

Commis ID	D-11-	D = 11 (ft)		ТРН	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
	ry Criteria A					100 mg/kg	10 mg/kg	-		-	50 mg/kg	600 mg/kg

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

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

Table 2
Devon Energy
Longview Federal 1 #021H
Eddy County, New Mexico

Sample ID	Date	Depth (ft)		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Cample 15	Date	Deptii (it)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
	ry Criteria A					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

Table 2
Devon Energy
Longview Federal 1 #021H
Eddy County, New Mexico

Commis ID	Data	Donath (ft)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
Regulato	ry Criteria <sup>A</sup>					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

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

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

Table 2
Devon Energy
Longview Federal 1 #021H
Eddy County, New Mexico

Comple ID	Date	Donth (ft)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
Regulato	ory Criteria <sup>A</sup>					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

<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 emai	1			Incident #	(assigned by OCD)	)			
Contact mail	ing address			1					
			Location	of Release So	ource				
Latitude			(NAD 83 in dec	Longitude _cimal degrees to 5 decim	nal places)				
Site Name				Site Type					
Date Release	Discovered			API# (if app	licable)				
Unit Letter Section Township Range					County				
Crude Oil	Material	Federal Tr	Nature and	l Volume of I	justification for the	e volumes provided below)			
Produced		Volume Released			Volume Recovered (bbls)				
Floduced	water	Is the concentrate	ion of total dissolv water >10,000 mg		Volume Recovered (bbls)  Yes No				
Condensa	te	Volume Release	d (bbls)		Volume Reco	overed (bbls)			
Natural Gas Volume Released (Mcf)					Volume Reco	overed (Mcf)			
Other (describe) Volume/Weight Released (provide units				e units)	Volume/Weig	ght Recovered (provide units)			
Cause of Rela	ease								

Received by OCD: 10/31/2022/2:19:14 PM
State of New Mexico
Page 2
Oil Conservation Division

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	_ 0			3	/		-	

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respo	nsible party consider this a major release?
19.15.29.7(A) NMAC?		
☐ Yes ☐ No		
ICVEC ' 1' 4	d'	2 W/ 111 (
If YES, was immediate no	otice given to the OCD? By whom? To wh	nom? When and by what means (phone, email, etc)?
	Initial R	esponse
The responsible p	party must undertake the following actions immediate	y unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
	s been secured to protect human health and	the environment.
☐ Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.
☐ All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
regulations all operators are	required to report and/or file certain release noti	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger
failed to adequately investigated	ate and remediate contamination that pose a three	OCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In
addition, OCD acceptance of and/or regulations.	f a C-141 report does not relieve the operator of	responsibility for compliance with any other federal, state, or local laws
Printed Name:		Title:
Signature: Kendra	a Ruiz	Date:
email:		Telephone:
OCD Only		
Received by:Jocelyn I	Harimon	Date:07/15/2022

	Volume(Bbl	s) Calculator		
Cont	aminated Soil	measurement		
Area (squar	e feet)	Depth(inches)		
37679	2	0.063		
Cubic Feet of So	il Impacted	197.815		
Barrels of Soil	Impacted	<u>35.26</u>		
Soil Ty	pe	Clay/Sand		
Barrels of Oil A 100% Satur		5.29		
Saturation	Damp no f	o fluid when squeezed		
Estimated Barr Release	200 -000	0.53		
	Free Standing	Fluid Only		
Area (squar	e feet)	Depth(inches)		
<u>0</u>		0.000		
Standing	fluid	0.000		
Total fluids	spilled	5.289		

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

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

### CONDITIONS

Created By		Condition Date
jharimon	None	7/15/2022

Reveived by OCD: 8:29:2022 1:36:4- PM

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	nAPP2223655772
District RP	
Facility ID	
Application ID	

# **Release Notification**

## Responsible Party

Responsible Party Devon Energy Production Company					OGRID 6137			
Contact Name	e Dale Wo	odall		Contact Telephone 405-318-4697				
Contact email	dale.woo	odall@dvn.com			(assigned by OCD)			
Contact maili	ng address	6488 Seven Riv	vers Hwy Artesia	a, NM 88210				
atitude 32			Location o	of Release S	ource -104.045740°			
				mal degrees to 3 des n	nul places)			
Site Name LO	NGVIEW	FEDERAL 1#	021H	Site Type	Oil Production			
Date Release	Discovered	08/22/2022		API# tyl app	piicable) 30-015-40651			
Unit Letter	Section	Township	Range	Cour	uty			
D	01	-24S- 23S-JH	28E	LE	A			
Crude Oil	Materia	(s) Released (Select al	I that apply and attach ca	alculations or specific	justification for the volumes provided below)			
		Volume Release	-		Volume Recovered (bbls) 0			
Produced	Water	Volume Release	2 -0.2 -0.2		Volume Recovered (bbls)			
			ion of total dissolve water >10,000 mg/l		☐ Yes ☐ No			
Condensat	te	Volume Release			Volume Recovered (bbls)			
Natural Ga	as	Volume Release	d (Mcf)		Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released (provide units)			Volume/Weight Recovered (provide units)					
Cause of Rele	The E	Eddy County E view 1-21 Batte	MS had contac	cted Devon n	eeding a Devon person to respond to the are around the flare on location at 10:53			

Released to Imaging: 8/30/2022 2:43:11 PM

extinguished, wells and battery were shut in.

Released to Imaging: 12/30/2022 3:35:25 PM

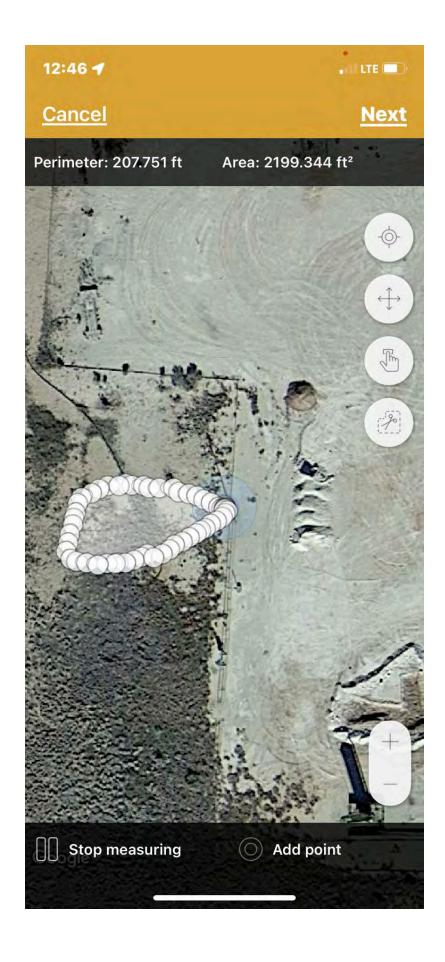
Received by OCD: 8. 29/2022 7:30:47 State of New Mexico Page 2 Oil Conservation Division

	rage 2 a
Incident ID	nAPP2223655772
District RP	
Facility ID	
Application ID	

Vas this a major elease as defined by 9.15.29.7(A) NMAC?  ■ Yes □ No	If YES, for what reason(s) does the responsible party consider this a major release? FIRE		
YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?		
es, by Dale Wood	all, via NOV portal on 08/24/2022		
es, by Dale Wood	office given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?  all, via NOV portal on 08/24/2022		

## Initial Response

o ne responsioje parej musi undertake tue following	actions immediately unless they could create a safety hazard that would result in injury
The source of the release has been stopped.	
The impacted area has been secured to protect hu	man health and the environment.
	se of berms or dikes, absorbent pads, or other containment devices.
All free liquids and recoverable materials have be	
If all the actions described above have not been under	taken, explain why:
has begun, please attach a narrative of actions to dat within a lined containment area (see 19.15.29.11(A)(5). I hereby certify that the information given above is true and regulations all operators are required to report and/or file cepublic health or the environment. The acceptance of a C-14	ay commence remediation immediately after discovery of a release. If remediation ite. If remediate or if the release occurred (5)(a) NMAC), please attach all information needed for closure evaluation. It complete to the best of my knowledge and understand that pursuant to OCD rules and extrain release notifications and perform corrective actions for releases which may endanger the report by the OCD does not relieve the operator of liability should their operations have
failed to adequately investigate and remediate contamination addition, OCD acceptance of a C-141 report does not relieve and/or regulations.	on that pose a threat to groundwater, surface water, human health or the environment. In the the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Dale Woodall	Title: Environmental Professional
Signature: Dals Woodall	Date: 08/29/2022
email: dale.woodall@dvn.com	Telephone: 405-318-4697
OCD Only  Jocelyn Harimon  Received by:	Date:



2200	square feet		
0.0625	inch	1/16th inch	
11.45	cubic feet		
7.4805	gallons/cu	ıbic feet	
85.71	42 gallons	/ bbl	
2.04	barrels		

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

### CONDITIONS

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

Received by OCD: 10/31/2022 2:19:14 PM Form C-141 State of New Mexico Page 3 Oil Conservation Division

	Page 38 of 335
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?								
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?								
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?								
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No							
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No							
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No							
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?								
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No							
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No							
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No							
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No							
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	☐ Yes ☐ No							
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.								
Characterization Report Checklist: Each of the following items must be included in the report.								
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.

Received by OCD: 10/31/2022 2:19:14 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 39 of 3.	<b>35</b>
Incident ID		
District RP		
Facility ID		

Application ID

Received by OCD: 10/31/2022 2:19:14 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

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: Dals 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

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



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>

Sent: Thursday, September 22, 2022 1:57 PM

**To:** Bratcher, Michael, EMNRD <<u>mike.bratcher@emnrd.nm.gov</u>>; Nobui, Jennifer, EMNRD <<u>Jennifer.Nobui@emnrd.nm.gov</u>>; Harimon, Jocelyn, EMNRD <<u>Jocelyn.Harimon@emnrd.nm.gov</u>>;

Hamlet, Robert, EMNRD < Robert. Hamlet@emnrd.nm.gov >; Velez, Nelson, EMNRD

<Nelson.Velez@emnrd.nm.gov>

Subject: Fw: [EXTERNAL] Devon - Longview Deep Fed 1-21 Sampling Notification (2nd Release)

From: Mike Carmona < Mcarmona@carmonaresources.com >

Sent: Thursday, September 22, 2022 12:50 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Woodall, Dale <Dale.Woodall@dvn.com>; Upshaw, Chad (Contract) <chad.upshaw@dvn.com>;

Conner Moehring < 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.

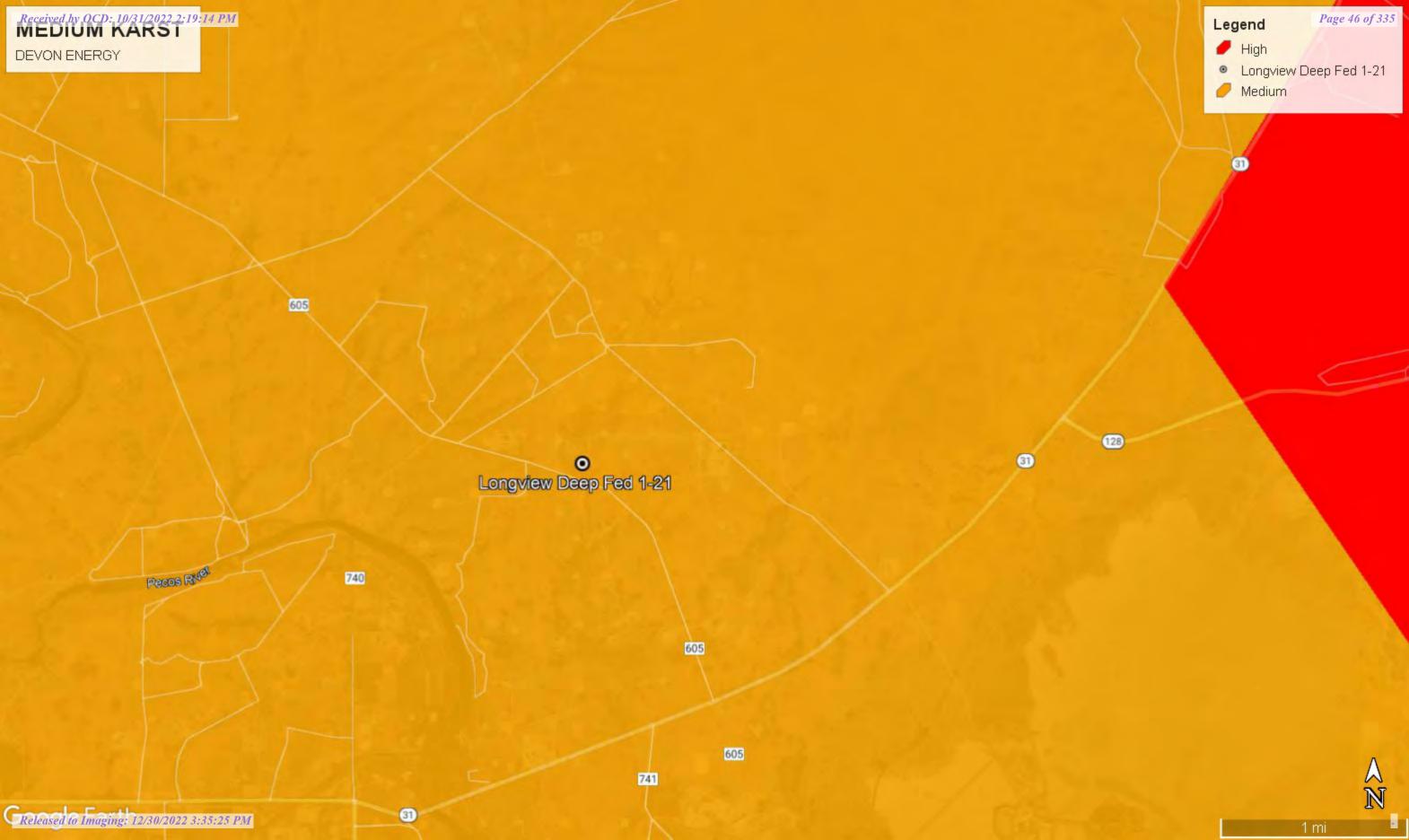
Longview Deep Fed 1-21(2<sup>nd</sup> release.) Sec 01 T23S R28E Unit D 32.338763°, -104.045735° Eddy County, New Mexico

Mike J. Carmona

# **APPENDIX D**

# CARMONA RESOURCES







# 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)

water right file.)	closed)	(0	quar	ters	ar	e sm	nalles	t to large	est) (	NAD83 UTM in m	eters)	(	In feet)	
	POD Sub-			Q (								_	-	Water
POD Number	Code basin								>		Distance		Water	Column
C 04609 POD1	CUB	ED	2	1	1	01	23S	28E	589816	6 3578589 🌍	203	51		
C 04417 POD1	CUB	ED	4	3	3	36	22S	28E	58973	6 3578874 🌍	492	55		
C 04524 POD1	CUB	ED	1	1	2	01	23S	28E	590452	2 3578629 🌑	691	55		
C 04539 POD1	CUB	ED	2	4	2	01	23S	28E	591034	4 3578223 🌍	1240	55		
C 04418 POD1	CUB	ED	4	2	1	12	23S	28E	59010	4 3576851 🌕	1563	55		
C 04216 POD3	CUB	ED	1	4	1	11	23S	28E	58850°	1 3576556 🌑	2246	23	13	10
C 04216 POD2	CUB	ED	1	4	1	11	23S	28E	58846	5 3576555 🌑	2268	20	10	10
C 04216 POD1	CUB	ED	2	4	1	11	23S	28E	588488	8 3576534 🌕	2271	20	10	10
C 00512 CLW198323	O CUB	ED	4	1	1	11	23S	28E	588167	7 3576806* 🌕	2275	100		
C 00512 S	CUB	ED	4	1	1	11	23S	28E	58816	7 3576806* 🌑	2275	100		
C 00109	CUB	ED	1	3	3	04	23S	27E	588486	6 3576531 🌑	2275	168	120	48
C 00512 EXPL	O CUB	ED			1	11	23S	28E	588272	2 3576703* 🌍	2276	200	16	184
C 00512	CUB	ED	4	1	1	11	23S	28E	588188	8 3576775 🌑	2281	175	15	160
C 04216 POD4	CUB	ED	2	4	1	11	23S	28E	588499	9 3576513 🌑	2282	20	10	10
C 04584 POD1	CUB	ED	3	1	4	12	23S	28E	590392	2 3576064 🌕	2395	63		
C 00608	С	ED	3	3	1	11	23S	28E	587970	0 3576401* 🌕	2702	200		
C 04470 POD1	CUB	ED	3	1	3	07	23S	29E	591280	0 3576086 🌕	2732			
C 00315	CUB	ED	3	1	3	11	23S	28E	58797	3 3575995* 🌕	3011	100	45	55
C 01216	CUB	ED	4	1	1	13	23S	28E	58980°	1 3575205* 🌍	3181	60	45	15
C 03469 POD3	CUB	ED	3	4	3	11	23S	28E	58838	1 3575538 🌍	3183	47		
C 03469 POD1	CUB	ED	3	4	3	11	23S	28E	58837	4 3575538 🌑	3186	68	38	30
C 03469 POD2	CUB	ED	3	4	3	11	23S	28E	588382	2 3575506 🌕	3211	48		
C 04584 POD2	CUB	ED	4	2	1	13	23S	28E	590250	0 3575123 🎒	3292	34	19	15
<u>C 02702</u>	С	ED			2	13	23S	28E	59071	5 3575108* 🌕	3402	38	20	18
C 04584 POD3	CUB	ED	3	2	2	13	23S	28E	59088	7 3575129 🌕	3432	31		
C 04451 POD1	С	ED	4	4	4	10	23S	28E	58783	3 3575521 🌕	3477	120	57	63
*IITAA la aadlam saaa dankaa d	from DLCC	Halm												

\*UTM location was derived from PLSS - see Help

7/1/22 7:25 AM Page 1 of 2

WATER COLUMN/ AVERAGE DEPTH TO WATER

(In feet)

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a

water right file.)

(R=POD has been replaced, O=orphaned,

C=the file is

closed) (quarters are smallest to largest)

(NAD83 UTM in meters)

water right me.	ciosca)	`	900.				, ,,	9001)	(= 55 5		0.0,	γ.		
POD Number	POD Sub- Code basin	County	-	Q Q		Twe	Pna	,	X Y	,	Distance	-	-	Water Column
		•					•			-		_		Column
C 03460 POD1	CUB	ED	3	1 2	14	23S	28E	58885	7 3575004	1	3511	100	38	62
<u>C 02804</u>	CUB	ED		2 1	80	23S	29E	59326	2 3576905	9	3761	100		
C 02805	CUB	ED		2 1	08	23S	29E	59326	2 3576905	0	3761	100		
C 00235	С	ED		2 2	15	23S	28E	58767	6 3575280	0	3765	160		
C 04588 POD1	CUB	ED	2	2 2	04	23S	28E	58604	3 3578720	) 🌑	3776	50		
C 01214	CUB	ED	1	2 3	13	23S	28E	59001	0 3574597	9	3794	70	20	50
C 00616	CUB	ED	1	3 1	14	23S	28E	58798	2 3574978	9	3864	120	30	90
C 01967	С	ED		2 3	13	23S	28E	59011	1 3574498	9	3900	264	200	64

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

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.



NA

# New Mexico Office of the State Engineer

# **Point of Diversion Summary**

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** 

Q64 Q16 Q4 Sec Tws Rng 01 23S 28E

 $\mathbf{X}$ 589816

3578589

**Driller License:** 1757 **Driller Company:** ENVIROTECH DRILLING SERVICES LLC

**Driller Name:** DAVID DRAYBUCK

C 04609 POD1

**Drill Start Date:** 04/26/2022 **Drill Finish Date:** 

04/26/2022

Plug Date: 04/26/2022

**Log File Date:** 

05/26/2022

**PCW Rcv Date:** 

Depth Well:

Source:

**Estimated Yield:** 

Pump Type: **Casing Size:**  Pipe Discharge Size:

51 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



# PLUGGING RECORD



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

I. GE	NERAL / WELL OWNERSHIP:			*
State I	Engineer Well Number: C-4609-POD1			
Well o	wner: Novo Oil & Gas Northern Delawa	re, LLC	Phone No.:	405-286-3916
Mailin	ag address: 1001 W. Wilshire Blvd., Suite	206		
City:	Oklahoma City		Oklahoma	Zip code: 73116
,				
п. w	ELL PLUGGING INFORMATION:		*	
1)	Name of well drilling company that pl	ugged well: Envir	otech Drilling Services	
				1/21/2024
2)	New Mexico Well Driller License No.	. NIVI-1/5/	E	xpiration Date: 1/31/2024
3)	Well plugging activities were supervise David Draybuck	sed by the following	g well driller(s)/rig supervi	sor(s):
4)	Date well plugging began: 4/26/202	22	Date well plugging conclud	ded: 4/26/2022
5)	GPS Well Location: Latitude: _ Longitude:	32 deg	g,20min,26 g,02min,44	.14 sec .11 sec, WGS 84
6)	Depth of well confirmed at initiation of by the following manner: Tape Meas		51 ft below ground le	vel (bgl),
7)	Static water level measured at initiation	on of plugging:	DRY ft bgl	
8)	Date well plugging plan of operations	was approved by the	he State Engineer: 4/15/2	2022
9)	Were all plugging activities consistent differences between the approved plug	with an approved gging plan and the	plugging plan? YES well as it was plugged (atta	If not, please describe ch additional pages as needed):
Not A	pplicable			
				JSE DII MAY 26 2022 PM1:06

Version: September 8, 2009

Page 1 of 2

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 <u>Material Used</u> (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.)
_	0-51' - Portland Cement with Bentonite Grout	47 gallons	47 gallons	pump mix with tremie pipe	Dry hole, no well set, soil boring only
-					
	-			*1	
_					
			-		
_	,				
-					
-				OSE DII	MAY 26 2022 PM 1:06
-				-	
			AND OBTAIN		
		cubic feet x 7.4 cubic yards x 201.9	805 = gallons 17 = gallons		

### III. SIGNATURE:

I, David Dean buck, 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

Date

Version: September 8, 2009 Page 2 of 2



# New Mexico Office of the State Engineer

# **Point of Diversion Summary**

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**  Q64 Q16 Q4 Sec Tws Rng

 $\mathbf{X}$ 

NA

C 04524 POD1

01 23S 28E

3578629 590452

**Driller License:** 1456

**Driller Company:** 

WHITE DRILLING COMPANY

**Driller Name:** 

NOVO OIL & GAS NORTHERN DELAWARE LLC

**Drill Finish Date:** 

04/14/2021

Plug Date:

**Drill Start Date:** Log File Date:

04/13/2021 05/10/2021

**PCW Rcv Date:** 

Source:

Pump Type:

Pipe Discharge Size:

**Estimated Yield:** 

Depth Well: **Casing Size:** 

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



Róswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

### STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Mbr:

691333 C 04524

File Mbr:

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

State E Well o	NERAL / WELL OWNE Engineer Well Number: C- wner: Novo Oil & Gas No g address: 1001 W. Wilsh Oklahoma City	4524POD 1 (SB-1) rthern Delaware, LLC re Blvd. Suite 206		Phone	-286-3916 Zip code: 73116			
City			State:				_ Zip code:	
<u>II. WI</u>	ELL PLUGGING INFO							
1)	Name of well drilling co	mpany that plugged we	ell: White	Drilling C	ompany, In	C.		
2)	New Mexico Well Drille	er License No.: WD-14	156			Expira	tion Date: 09/30/2	022
3)	Well plugging activities William Atkins	were supervised by the	following	g well drill	ler(s)/rig su	pervisor(s)	):	<u>.</u>
4)	Date well plugging bega	n: <u>04/14/2021</u>		Date well	plugging co	oncluded: _	04/14/2021	
5)	GPS Well Location:	Latitude: 32 Longitude: 104	deg	<u>y, 20</u> <u>02</u>	min, min, _	27.26 19.79	_ sec _ sec, WGS 84	
6)	Depth of well confirmed by the following manner	at initiation of pluggin Steel Tape	g as:	55 ft	below grou	ınd level (l	ogl),	
7)	Static water level measu	red at initiation of plug	ging:	Dry ft	bgl			
8)	Date well plugging plan	of operations was appr	oved by th	ne State Er	ngineer: _0	4/15/2021		
9)	Were all plugging activition differences between the							
						3 <b>3E</b> D	T MAY 10 2021 #	<b>e</b> :57

Version: September 8, 2009

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 <u>Material Used</u> (include any additives used)	Volume of <u>Material Placed</u> (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement  Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
o 55	Portland Bentonite Grout	10.79 Gal		Pump Mix w/trimie pipe	
-					
_					
<del>-</del>					
=					
-					
_					
=					
<del>-</del>					
	'	MULTIPLY cubic feet x 7. cubic yards x 201.	BY		

### 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

Version: September 8, 2009 Page 2 of 2

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

<u>I. G</u>	<u>ENERAL / WELL OWNERSHIP:</u>			
State	Engineer Well Number: C-4524POD 1 (SB	-1)		
Well	owner: Novo Oil & Gas Northern Delaware,	LLC	Phone No.	. 405-286-3916
Maili	ing address: 1001 W. Wilshire Blvd. Suite 20	)6		
City:	Oklahoma City	State:	OK	Zip code: 73116
II. V	VELL PLUGGING INFORMATION:			
1)	Name of well drilling company that plug	ged well: Wh	ite Drilling Company, Inc.	
2)	New Mexico Well Driller License No.:	WD-1456		Expiration Date: 09/30/2022
3)	Well plugging activities were supervised William Atkins	by the follow	ing well driller(s)/rig superv	visor(s):
4)	Date well plugging began: 04/14/202	1	Date well plugging concl	uded: 04/14/2021
5)	GPS Well Location: Latitude: Longitude:	32 d 104 d	eg, <u>20</u> min, <u>2</u> eg, <u>02</u> min, <u>1</u>	7.26 sec 9.79 sec, WGS 84
6)	Depth of well confirmed at initiation of p by the following manner: Steel Tape	olugging as: _	55 ft below ground	evel (bgl),
7)	Static water level measured at initiation of	of plugging: _	Dry ft bgl	
8)	Date well plugging plan of operations wa	as approved by	the State Engineer: 04/15	5/2021
9)	Were all plugging activities consistent w differences between the approved pluggi			
				e.
				03E DIT MRY 10 2021 #48/57
			· · · · · · · · · · · · · · · · · · ·	

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 <u>Material Used</u> (include any additives used)	Volume of <u>Material Placed</u> (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement  Method (tremie pipe, other)	Comments  ("casing perforated first", "open annular space also plugged", etc.)
<u> </u>	Portland Bentonite Grout	10.79 Gal		Pump Mix w/trimie pipe	
_		·		-	
_					
_					
_	1				
-					
-					
- -	·			<u> </u>	
		MULTIPLY cubic feet x 7.	BY AND OBTAIN 4805 = gallons		

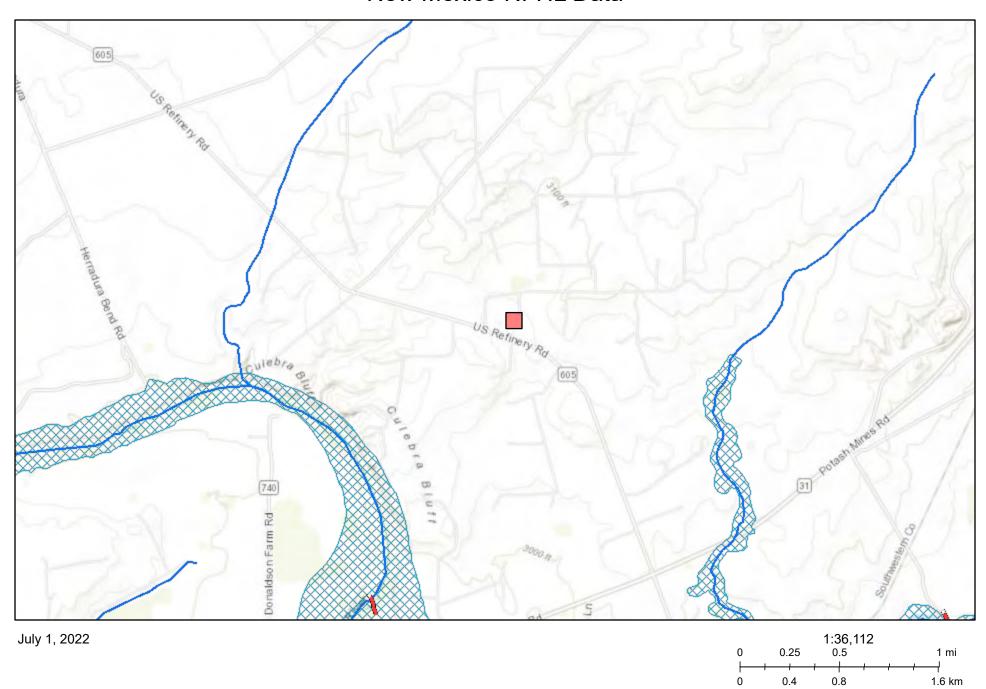
### **III. SIGNATURE:**

I,	John White		say that I a	m familia	r with th	e rules (	of the	Office	of the	State
Ē	ngineer pertaining to the plugging of	f wells and that eac	ch and all of	the statem	ents in th	is Pluggi	ng Rec	ord and	lattachi	ments
ar	re true to the best of my knowledge a	nd beljef.	/							

Signature of Well Driller Date

Version: September 8, 2009
Page 2 of 2

# New Mexico NFHL Data



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

# **APPENDIX E**

# CARMONA RESOURCES

Report to:
Mike Carmona



5796 U.S. Hwy 64 Farmington, NM 87401

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





# 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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

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# Sample Summary

Devon Energy - Carlsbad	Project Name:	Longview 1 - 21	Donoutodi
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Mike Carmona	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.



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

### H-1 (0 - 0.5') E206243-01

	E200243-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: IY	<u>-</u>	Batch: 2228027
ND	0.0250	1	07/06/22	07/08/22	
ND	0.0250	1	07/06/22	07/08/22	
ND	0.0250	1	07/06/22	07/08/22	
ND	0.0250	1	07/06/22	07/08/22	
ND	0.0500	1	07/06/22	07/08/22	
ND	0.0250	1	07/06/22	07/08/22	
	94.8 %	70-130	07/06/22	07/08/22	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2228027
ND	20.0	1	07/06/22	07/08/22	
	90.4 %	70-130	07/06/22	07/08/22	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2228025
ND	25.0	1	07/06/22	07/06/22	
ND	50.0	1	07/06/22	07/06/22	
	113 %	50-200	07/06/22	07/06/22	
mg/kg	mg/kg	Ana	lyst: KL		Batch: 2228018
46.8	20.0	1	07/06/22	07/07/22	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           94.8 %         mg/kg           MD         20.0           90.4 %         mg/kg           ND         25.0           ND         50.0           113 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           mg/kg         mg/kg         Ana           ND         20.0         1           90.4 %         70-130         70-130           mg/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1           113 %         50-200           mg/kg         mg/kg         Ana	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         07/06/22           ND         0.0250         1         07/06/22           ND         0.0250         1         07/06/22           ND         0.0250         1         07/06/22           ND         0.0500         1         07/06/22           ND         0.0250         1         07/06/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         07/06/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         07/06/22           ND         50.0         1         07/06/22           ND         50.0         1         07/06/22           ND         50.0         1         07/06/22           ND         50.0         07/06/22           ND         50.0         07/06/22           ND         50.0         07/06/22           ND         50.0         07/06/22	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         07/06/22         07/08/22           ND         0.0500         1         07/06/22         07/08/22           ND         0.0250         1         07/06/22         07/08/22           MD         0.0250         1         07/06/22         07/08/22           mg/kg         mg/kg         Analyst: IY         ND         20.0         1         07/06/22         07/08/22           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         07/06/22         07/06/22         07/06/22           ND         25.0         1         07/06/22         07/06/22         07/06/22         07/06/22         07/06/22         07/06/22         07/06/22         07/06/22         07/06/22         07/06/22         07/06/22         07



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

H-2 (0 - 0.5')

		E206243-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		116 %	50-200	07/06/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



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

H-3 (0 - 0.5')

		E206243-03				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
p-Xylene	ND	0.0250	1	07/06/22	07/08/22	
o,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		115 %	50-200	07/06/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2228018
Chloride	59.5	20.0	1	07/06/22	07/07/22	



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

### H-4 (0 - 0.5')

		E206243-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		90.5 %	50-200	07/06/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2228018
Chloride	38.0	20.0	1	07/06/22	07/07/22	



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

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

		E206243-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
o,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		124 %	50-200	07/06/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



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

### H-6 (0 - 0.5')

		E206243-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
o,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		121 %	50-200	07/06/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



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

H-7 (0 - 0.5')

		E206243-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		111 %	50-200	07/06/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2228018
Chloride	21.2	20.0	1	07/06/22	07/07/22	



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

S-1 (0 - 3")

		E206243-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2228027
Gasoline Range Organics (C6-C10)	465	200	10	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		452 %	50-200	07/06/22	07/06/22	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



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

S-1 (6'') E206243-09

		E200243-09				
Acates	Dl	Reporting		D	Auglion 1	N-4
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	515	200	10	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		522 %	50-200	07/06/22	07/07/22	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



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

#### S-1 (1.5')

		E206243-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	0.0627	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	0.118	0.0500	1	07/06/22	07/08/22	
Total Xylenes	0.181	0.0250	1	07/06/22	07/08/22	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	96.0	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/07/22	
Surrogate: n-Nonane		108 %	50-200	07/06/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



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

#### S-1 (2') E206243-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		122 %	50-200	07/06/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



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

S-2 (0 - 3")

E206243-12						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	402	200	10	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: 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	
Surrogate: n-Nonane		509 %	50-200	07/06/22	07/07/22	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



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

S-2 (6")

#### E206243-13

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



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

S-2 (1')

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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
o,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		117 %	50-200	07/06/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2228018
Chloride	41.2	20.0	1	07/06/22	07/07/22	



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

S-2 (1.5')

E20	63	12	1.5
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
o,m-Xylene	ND	0.0500	1	07/06/22	07/08/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/08/22	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		117 %	50-200	07/06/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2228018
Chloride	26.7	20.0	1	07/06/22	07/07/22	· · · · · · · · · · · · · · · · · · ·



Devon Energy - Carlsbad	Project Name:	Longview 1 - 21	
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Artesia NM, 88210	Project Manager:	Mike Carmona	7/8/2022 4:37:26PM

S-3 (0 - 3")

		E206243-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
o,m-Xylene	133	0.500	10	07/06/22	07/08/22	
Total Xylenes	185	0.250	10	07/06/22	07/08/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	976	200	10	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		469 %	50-200	07/06/22	07/07/22	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2228018
Chloride	22.8	20.0	1	07/06/22	07/07/22	



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

S-3 (6")

E206243-17						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	0.0757	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	0.164	0.0500	1	07/06/22	07/08/22	
Total Xylenes	0.240	0.0250	1	07/06/22	07/08/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	525	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	261	50.0	1	07/06/22	07/07/22	
Surrogate: n-Nonane		118 %	50-200	07/06/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



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

S-3 (1') E206243-18

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		119 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: 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	
Surrogate: n-Nonane		116 %	50-200	07/06/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



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

S-4 (0 - 3")

		E206243-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	1360	200	10	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		126 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		552 %	50-200	07/06/22	07/07/22	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2228018
Chloride	26.6	20.0	1	07/06/22	07/07/22	



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6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Mike Carmona	7/8/2022 4:37:26PM

S-4 (6")

		E206243-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2228027
Benzene	ND	0.0250	1	07/06/22	07/08/22	
Ethylbenzene	0.0403	0.0250	1	07/06/22	07/08/22	
Toluene	ND	0.0250	1	07/06/22	07/08/22	
o-Xylene	0.165	0.0250	1	07/06/22	07/08/22	
p,m-Xylene	0.364	0.0500	1	07/06/22	07/08/22	
Total Xylenes	0.530	0.0250	1	07/06/22	07/08/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2228027
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		119 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2228025
Diesel Range Organics (C10-C28)	3120	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	1340	50.0	1	07/06/22	07/07/22	
Surrogate: n-Nonane		141 %	50-200	07/06/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2228018
Chloride	ND	20.0	1	07/06/22	07/07/22	



Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Manager:	: M	ike Carmona					7/8/2022 4:37:26PM
		Volatile O	rganics b	y EPA 802	1B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2228027-BLK1)							Prepared: 0	7/06/22 A	nalyzed: 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: 0	7/06/22 A	nalyzed: 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: 0	7/06/22 A	nalyzed: 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	



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

Artesia NM, 88210		Project Manager		ike Carmona					7/8/2022 4:37:26PM			
	Non	Nonhalogenated Organics by EPA 8015D - GRO										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2228027-BLK1)							Prepared: 0	7/06/22 A	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: 0	7/06/22 A	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: 0	7/06/22 A	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						

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

Artesia NM, 88210		Project Manage	r: M	ke Carmona				7/8	/2022 4:37:26PM
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit %	N-4
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	70	Notes
Blank (2228025-BLK1)							Prepared: 0	7/06/22 Analy	zed: 07/06/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.9		50.0		116	50-200			
LCS (2228025-BS1)							Prepared: 0	7/06/22 Analy	zed: 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: 0	7/06/22 Analy	zed: 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: 0	7/06/22 Analy	zed: 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: Project Number: Project Manager:	0	ongview 1 - 21 1058-0007 Iike Carmona					<b>Reported:</b> 7/8/2022 4:37:26PM
11100111111, 00210				300.0/9056A					Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2228018-BLK1)							Prepared: 0	7/06/22 A	nalyzed: 07/07/22
Chloride	ND	20.0							
LCS (2228018-BS1)							Prepared: 0	7/06/22 A	nalyzed: 07/07/22
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2228018-MS1)				Source: I	E206243-0	)1	Prepared: 0	7/06/22 A	nalyzed: 07/07/22
Chloride	300	20.0	250	46.8	101	80-120			
Matrix Spike Dup (2228018-MSD1)				Source: I	E <b>206243-</b> (	)1	Prepared: 0	7/06/22 A	nalyzed: 07/07/22
Chloride	299	20.0	250	46.8	101	80-120	0.201	20	

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

ſ	Devon Energy - Carlsbad	Project Name:	Longview 1 - 21	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	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.



	Devon E						Bill 1					L	ab U	se Or	ly				T	AT		EPA P	rogram
Project:	Longueu	1-2	(			Atter	ntion: Dale W	oodall	_	Lab	WOŧ	10.	2		Numl		1D	2D	3D	St	andard	CWA	SDWA
	Manager: M					City	ess: Devon I State, Zip Midl	Energy		tá	DO	de	O			<u>F</u>							
	te, Zip					Phon		and the					_	Anaiy	sis an	d Metho	od T	1	-				RCRA
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Report o	lue by: "7	24-1	rura	oround		wo	rK Order # 7	210 2959	•	RO b	RO b	y 8021	, 8260	6010	le 300		N N		XT 20				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample	ID				Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		TCEQ 1005 TX-TPH			Remarks	•
	6/29	S	- (	1-1	(0-	0.5	)		1	X	X	X			X								
					10-0				2	X	X	X			X								
					310-				3	X	X	X			X								
					10-0				4	X	X	X			X								
				1-1-5	510-	5.5	1)		5	X	X	X			X								
					510-				4	X	X	X			X	4.							
					710-				7	X	X	X			X								
				1.5	10-3				8	X	X	X			X								
				5-1	(6"	)			9	X	X	X			X								
	1	A	4	5-1	(1.5	')			10	X	X	X	H		X								
	nal Instruction											4	CA	1									
	pler), attest to the of collection is co						pering with or intentionally Sampled by	y mislabelling the s	sample locat	ion,				100000000000000000000000000000000000000							ice the day the subsequent day		or received
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	ed by (Signatur	h	Date	-201	Ime 15		ageived by (Signature)	Inte	0/30/	22	Time	3	5	<u>T1</u>			<u>T2</u>				T3		
Relinquish	ed by: (Signatur	e)	Date		Time	F	Received by: (Signature)		Date		Time			AVG	Tem	°c_L	1						
	trix: <b>S</b> - Soil, <b>Sd</b> - So								Container	Type	: <b>g</b> - g	lass,	<b>p</b> - pc	oly/pla	stic, a	g - amb	er gla	ss, v	VOA				
Note: Sam	ples are discard	ed 30 days	after resu	ts are repo	rted unless	other arr	angements are made.	Hazardous sam	ples will be	retur	ned to	clien	t or d	ispose	d of at	the clien	t expe	nse.	The re	port f	or the analy	sis of the a	above
samples is	applicable only	10 111026 25	imples rec	eived by the	aboratory	with thi	s COC. The liability of th	ie laboratory is l	imited to ti	ne am	ount p	oald fo	r on 1	ne rep	ort.								

ient: (	Devon F	nero	S			Bill To	ill To				ab Us	e On	ly		T			AT.		EPA P	rogram
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Time ampled	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	5	i	5-1(2	)		11	X	X	X			X								
			1	5-210-	3")		12	X	X	X			X								
				5-216			13	X	X	X			X								
				5-2(1			14	X	X	X			X								
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				5-410-			19	X	X	X			X								
	V	<b>V</b>	1	5-46	·)		20	X	X	X			X								
dition	al Instruction	is:		1 (8			1000														
				of this sample. I am av		ith or intentionally mislabelling t Sampled by:	he sample locat	ion,			- 1								the day they	are sampled	or received
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Printed: 6/30/2022 2:06:41PM

#### **Envirotech Analytical Laboratory**

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)		
	Custody (COC)					
	e sample ID match the COC?	ah sha COC	Yes			
	te number of samples per sampling site location mat samples dropped off by client or carrier?	ch the COC	Yes	~	TDG	
	e COC complete, i.e., signatures, dates/times, reques	tad analyses?	Yes No	Carrier: <u>U</u>	<u>DPS</u>	
	Il samples received within holding time?	analyses:	Yes			
3. Were as	Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion.		103	,	<u>Commen</u>	ts/Resolution
	urn Around Time (TAT)  COC indicate standard TAT, or Expedited TAT?		No		Project has been sepera	ated into 2 reports
Sample C	· •				due to amount of samp	les received.
	ample cooler received?		Yes		Workorders are as follo	
	was cooler received in good condition?		Yes			
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		pg 1&2 of 4, E206244	
10. Were	custody/security seals present?		No		Time sampled not prov	ided on COC.
	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C		<u> </u>	_			
	queous VOC samples present?		No			
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	•	Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lab	<del></del>					
	field sample labels filled out with the minimum info	rmation:	37			
	ample ID? ate/Time Collected?		Yes	l		
	ollectors name?		No No			
Sample P	reservation_		- 10			
21. Does	the COC or field labels indicate the samples were pr	eserved?	No			
22. Are sa	imple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved m	etals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontr	act Laboratory					
28. Are sa	imples required to get sent to a subcontract laborator	ry?	No			
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	e: na	
Client In	struction					
						0

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

Report to:
Mike Carmona



5796 U.S. Hwy 64 Farmington, NM 87401

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





# 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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area** Lynn Jarboe

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Office: 505-421-LABS(5227)

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ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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#### **Sample Summary**

Devon Energy - Carlsbad	Project Name:	Longview 1 - 21	Donovtode
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Mike Carmona	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.



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

#### S-4 (1') E206244-01

		E200244-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg			st: 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	
oluene	ND	0.0250	1	07/06/22	07/07/22	
-Xylene	ND	0.0250	1	07/06/22	07/07/22	
o,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	07/06/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	07/06/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		121 %	50-200	07/06/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2228019
Chloride	28.1	20.0	1	07/06/22	07/06/22	



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

S-5 (0 - 3")

		E206244-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/06/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2228028
Gasoline Range Organics (C6-C10)	589	200	10	07/06/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	07/06/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		169 %	50-200	07/06/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2228019
Chloride	21.8	20.0	1	07/06/22	07/07/22	



Chloride

#### **Sample Data**

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

S-5 (6")

		E206244-03					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY	7		Batch: 2228028
Benzene	ND	0.0250	1	ļ	07/06/22	07/07/22	
Ethylbenzene	0.0281	0.0250	1		07/06/22	07/07/22	
Toluene	ND	0.0250	1		07/06/22	07/07/22	
o-Xylene	0.0782	0.0250	1		07/06/22	07/07/22	
p,m-Xylene	0.168	0.0500	1		07/06/22	07/07/22	
Total Xylenes	0.246	0.0250	1		07/06/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130		07/06/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/06/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130		07/06/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JI	_		Batch: 2228024
Diesel Range Organics (C10-C28)	370	25.0	1		07/06/22	07/06/22	
Oil Range Organics (C28-C36)	174	50.0	1		07/06/22	07/06/22	
Surrogate: n-Nonane		112 %	50-200		07/06/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	L		Batch: 2228019

20.0

ND

07/06/22

07/07/22



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

S-5 (1') E206244-04

		E200244-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Foluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
o,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID		91.8 %	70-130	07/06/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	07/06/22	07/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		110 %	50-200	07/06/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2228019
Chloride	ND	20.0	1	07/06/22	07/07/22	



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

S-6 (0 - 3")

		E206244-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		92.2 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	yst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	yst: 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	
Surrogate: n-Nonane		111 %	50-200	07/06/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	yst: KL		Batch: 2228019
Chloride	29.4	20.0	1	07/06/22	07/07/22	



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

S-6 (6")

#### E206244-06

		D 4:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anaryti	Result	Limit	Dilution	Trepared	Allalyzeu	ivotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		93.0 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		106 %	50-200	07/06/22	07/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2228019
	<u> </u>					<u> </u>



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

#### S-6 (1') E206244-07

	L200211 07				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: IY		Batch: 2228028
ND	0.0250	1	07/06/22	07/08/22	
ND	0.0250	1	07/06/22	07/08/22	
ND	0.0250	1	07/06/22	07/08/22	
ND	0.0250	1	07/06/22	07/08/22	
ND	0.0500	1	07/06/22	07/08/22	
ND	0.0250	1	07/06/22	07/08/22	
	92.3 %	70-130	07/06/22	07/08/22	
mg/kg	mg/kg	Analy	st: IY		Batch: 2228028
ND	20.0	1	07/06/22	07/08/22	
	92.7 %	70-130	07/06/22	07/08/22	
mg/kg	mg/kg	Analy	vst: JL		Batch: 2228024
ND	25.0	1	07/06/22	07/06/22	
ND	50.0	1	07/06/22	07/06/22	
	105 %	50-200	07/06/22	07/06/22	
mg/kg	mg/kg	Analy	st: KL		Batch: 2228019
ND	20.0	1	07/06/22	07/07/22	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           92.3 %         mg/kg           MD         20.0           92.7 %         mg/kg           MD         25.0           ND         50.0           105 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           92.3 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           92.7 %         70-130         1           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           105 %         50-200           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         07/06/22           ND         0.0250         1         07/06/22           ND         0.0250         1         07/06/22           ND         0.0250         1         07/06/22           ND         0.0500         1         07/06/22           ND         0.0250         1         07/06/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         07/06/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         07/06/22           ND         25.0         1         07/06/22           ND         50.0         1         07/06/22           ND         50.0         1         07/06/22           Mg/kg         Mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         07/06/22         07/08/22           ND         0.0250         1         07/06/22         07/08/22           ND         0.0250         1         07/06/22         07/08/22           ND         0.0500         1         07/06/22         07/08/22           ND         0.0250         1         07/06/22         07/08/22           ND         0.0250         1         07/06/22         07/08/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         07/06/22         07/08/22           mg/kg         mg/kg         Analyst: IV         ND         25.0         1         07/06/22         07/08/22           ND         25.0         1         07/06/22         07/06/22         07/06/22           ND         50.0         1         07/06/22         07/06/22           ND         50.0         1         07/06/22         07/06/22           ND         50.0         1         07/06/22         07/06/22



Chloride

#### **Sample Data**

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

S-7 (0 - 3")

		E206244-08					
		Reporting					
Analyte	Result	Limit	Dilut	tion 1	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	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	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	(	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	(	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	(	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		140 %	50-200	(	07/06/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: KL			Batch: 2228019

20.0

22.1

07/06/22

07/07/22



Chloride

# **Sample Data**

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

S-7 (6")

		E206244-09				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		108 %	50-200	07/06/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2228019

20.0

23.5

07/06/22

07/07/22



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

#### S-7 (1') E206244-10

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: IY		Batch: 2228028
ND	0.0250	1	07/06/22	07/08/22	
ND	0.0250	1	07/06/22	07/08/22	
ND	0.0250	1	07/06/22	07/08/22	
ND	0.0250	1	07/06/22	07/08/22	
ND	0.0500	1	07/06/22	07/08/22	
ND	0.0250	1	07/06/22	07/08/22	
	93.7 %	70-130	07/06/22	07/08/22	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2228028
ND	20.0	1	07/06/22	07/08/22	
	92.0 %	70-130	07/06/22	07/08/22	
mg/kg	mg/kg	Analy	yst: JL		Batch: 2228024
ND	25.0	1	07/06/22	07/07/22	
ND	50.0	1	07/06/22	07/07/22	
	104 %	50-200	07/06/22	07/07/22	
mg/kg	mg/kg	Analy	yst: KL		Batch: 2228019
ND	20.0	1	07/06/22	07/07/22	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           MD         20.0           92.0 %         mg/kg           ND         25.0           ND         50.0           104 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           93.7 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           92.0 %         70-130         1           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           104 %         50-200           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         07/06/22           ND         0.0250         1         07/06/22           ND         0.0250         1         07/06/22           ND         0.0250         1         07/06/22           ND         0.0500         1         07/06/22           ND         0.0250         1         07/06/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         07/06/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         07/06/22           ND         50.0         1         07/06/22           ND         50.0         1         07/06/22           ND         50.0         1         07/06/22           ND         50.0         1         07/06/22           mg/kg         mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         07/06/22         07/08/22           ND         0.0250         1         07/06/22         07/08/22           ND         0.0250         1         07/06/22         07/08/22           ND         0.0500         1         07/06/22         07/08/22           ND         0.0500         1         07/06/22         07/08/22           ND         0.0250         1         07/06/22         07/08/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         07/06/22         07/08/22           mg/kg         mg/kg         Analyst: IV           ND         25.0         1         07/06/22         07/08/22           ND         25.0         1         07/06/22         07/07/22           ND         50.0         1         07/06/22         07/07/22           ND         50.0         1         07/06/22         07/07/22           ND         50.0         1         07/06/22         07/07/22           M



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

#### S-1 (1.5')

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		220021111				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilution	Frepared	Anaryzeu	Notes
Volatile Organics by EPA 8021B	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	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	07/06/22	07/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane		112 %	50-200	07/06/22	07/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	Analyst: KL		Batch: 2228019
Chloride	ND	20.0	1	07/06/22	07/07/22	



Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Manager	: M	ike Carmona				7/3	8/2022 11:30:02AM		
		Volatile Organics by EPA 8021B						Analyst: IY			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2228028-BLK1)						1	Prepared: 0	7/06/22 Ana	yzed: 07/07/22		
Benzene	ND	0.0250									
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
-Xylene	ND	0.0250									
,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
urrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130					
LCS (2228028-BS1)						]	Prepared: 0	7/06/22 Ana	lyzed: 07/07/22		
Benzene	4.99	0.0250	5.00		99.9	70-130					
thylbenzene	4.43	0.0250	5.00		88.6	70-130					
oluene	4.73	0.0250	5.00		94.6	70-130					
-Xylene	4.60	0.0250	5.00		92.0	70-130					
,m-Xylene	9.13	0.0500	10.0		91.3	70-130					
Total Xylenes	13.7	0.0250	15.0		91.5	70-130					
urrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130					
LCS Dup (2228028-BSD1)						1	Prepared: 0	7/06/22 Ana	lyzed: 07/07/22		
Benzene	5.06	0.0250	5.00		101	70-130	1.31	20			
thylbenzene	4.49	0.0250	5.00		89.9	70-130	1.48	20			
oluene	4.80	0.0250	5.00		96.0	70-130	1.47	20			
-Xylene	4.67	0.0250	5.00		93.4	70-130	1.59	20			
,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			



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

Artesia NM, 88210		Project Manager		ike Carmona					7/8/2022 11:30:02AM
	Non	halogenated	Organics l	by EPA 801	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2228028-BLK1)							Prepared: 0	7/06/22 A	nalyzed: 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: 0	7/06/22 A	nalyzed: 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: 0	7/06/22 A	nalyzed: 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			

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

Artesia NM, 88210		Project Manage	r: M	ike Carmona					7/8/2022 11:30:02AM
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2228024-BLK1)							Prepared: 0	7/06/22 A	nalyzed: 07/06/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.2		50.0		110	50-200			
LCS (2228024-BS1)							Prepared: 0	7/06/22 A	nalyzed: 07/06/22
Diesel Range Organics (C10-C28)	493	25.0	500		98.5	38-132			
Surrogate: n-Nonane	29.3		50.0		58.5	50-200			
Matrix Spike (2228024-MS1)				Source:	E207013-	04	Prepared: 0	7/06/22 A	nalyzed: 07/06/22
Diesel Range Organics (C10-C28)	561	25.0	500	ND	112	38-132			
Surrogate: n-Nonane	56.9		50.0		114	50-200			
Matrix Spike Dup (2228024-MSD1)				Source:	E207013-	04	Prepared: 0	7/06/22 A	nalyzed: 07/06/22
Diesel Range Organics (C10-C28)	563	25.0	500	ND	113	38-132	0.331	20	
Surrogate: n-Nonane	55.4		50.0		111	50-200			



Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	ongview 1 - 21 1058-0007 Mike Carmona					<b>Reported:</b> 7/8/2022 11:30:02AM
		Anions	by EPA	300.0/9056A					Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2228019-BLK1)							Prepared: 0	7/06/22 <i>A</i>	Analyzed: 07/06/22
Chloride	ND	20.0							
LCS (2228019-BS1)							Prepared: 0	7/06/22 A	Analyzed: 07/06/22
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2228019-MS1)				Source: E	207013-0	)1	Prepared: 0	7/06/22 A	Analyzed: 07/06/22
Chloride	380	20.0	250	130	100	80-120			
Matrix Spike Dup (2228019-MSD1)				Source: E	207013-0	)1	Prepared: 0	7/06/22 A	Analyzed: 07/06/22
Chloride	385	20.0	250	130	102	80-120	1.41	20	

#### QC Summary Report Comment:

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



### **Definitions and Notes**

Devon Energy - Carlsbad	Project Name:	Longview 1 - 21	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
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.



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eport d	ue by:						ORO I	ORO L	у 80	y 826	s 601	de 30		C-N		T 500			
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	
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	1			5-510-	3")	2	X	X	X			X							
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				of this sample. I am awa e grounds for legal action	ere that tampering with or intentionally mislabel on. <u>Sampled by:</u>	lling the sample locat	ion,										ved on ice the day th °C on subsequent da		or received
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Client: (	Deval E	Frera	Q			Bill To			4		La	ab Us	se On	ily	*			TA	AT.	EPA P	rogram
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	)		1000	Lab ımber	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		TCEQ 1005 TX-TPH		Remarks	
	6/29	5	1	5-10	1.5%			11	Х	X	X			X							
I, (field samp	of collection is co	validity and a				nt tampering with or intentionally m Sampled by:			ion,										ived on ice the day th °C on subsequent da		or received
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						er arrangements are made. Ha h this COC. The liability of the I	azardous sample	will be	retur	ned to	clien	t or d	ispose	ed of a					port for the anal	ysis of the a	bove

envirotech

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

#### **Envirotech Analytical Laboratory**

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: Email:		Date Logged In: Due Date:	06/30/22	12:45 17:00 (4 day TAT)	Logged In By: Caitlin Christian	
Ellian.	mearmona@earmonaresources.com	Due Date.	07/07/22	17.00 (4 day 1A1)		
Chain of	Custody (COC)					
	e sample ID match the COC?		Yes			
	e number of samples per sampling site location mate	h the COC	Yes			
	imples dropped off by client or carrier?		Yes	Carrier: U	JPS	
4. Was the	e COC complete, i.e., signatures, dates/times, request	ed analyses?	No		<del></del>	
5. Were al	I samples received within holding time?	•	Yes			
	Note: Analysis, such as pH which should be conducted in				Comments/Resolution	
Cample T	i.e, 15 minute hold time, are not included in this disucssion	1.		ı	Comments/ Resordion	
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		No		Project has been seperated into 2 repo	orts
	· •		140		due to amount of samples received.	
Sample C	ample cooler received?		Yes		Workorders are as follows: E206243	COC
	was cooler received in good condition?		Yes			
• •	e sample(s) received intact, i.e., not broken?				pg 1&2 of 4, E206244 COC pg 3&4 o	of 4.
			Yes		Time sampled not provided on COC.	
	custody/security seals present? were custody/security seals intact?		No			
•	•		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes			
13. If no v	risible ice, record the temperature. Actual sample t	emperature: 4°C	<u> </u>			
Sample C						
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample contained	rs collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum infor ample ID?	mation:	Yes			
	ate/Time Collected?		Yes			
	ollectors name?		No			
Sample P	<u>reservation</u>					
21. Does t	he COC or field labels indicate the samples were pre	served?	No			
22. Are sa	mple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved me	etals?	No			
Multipha	se Sample Matrix					
26. Does t	he sample have more than one phase, i.e., multiphase	?	No			
27. If yes,	does the COC specify which phase(s) is to be analyze	ed?	NA			
Subcontra	act Laboratory					
	mples required to get sent to a subcontract laboratory	/?	No			
	subcontract laboratory specified by the client and if		NA	Subcontract Lab	o: na	
Client In	struction					
CHCHT III	struction					

Date

Report to:
Mike Carmona



5796 U.S. Hwy 64 Farmington, NM 87401

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





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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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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**Alexa Michaels** 

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labadmin@envirotech-inc.com

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Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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### Sample Summary

Carmona Resources	Project Name:	Longview 1-21 2nd Release	Donoutodo
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	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.

Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

S-1 (0 - 0.5')

#### E209004-01 Reporting Analyte Result Limit Dilution Prepared Analyzed Notes Analyst: RKS Batch: 2236079 Volatile Organic Compounds by EPA 8260B mg/kg mg/kg 09/02/22 09/02/22 ND 0.0250 Benzene 09/02/22 09/02/22 Ethylbenzene ND 0.0250 1 0.0495 0.0250 09/02/22 09/02/22 Toluene 1 09/02/22 09/02/22 ND o-Xylene 0.025009/02/22 09/02/22 ND 0.0500 p,m-Xylene 09/02/22 09/02/22 0.0250 1 Total Xylenes ND 09/02/22 09/02/22 Surrogate: Bromofluorobenzene 104 % 70-130 09/02/22 104 % 70-130 09/02/22 Surrogate: 1,2-Dichloroethane-d4 09/02/22 09/02/22 Surrogate: Toluene-d8 107 % 70-130 Analyst: RKS Batch: 2236079 mg/kg Nonhalogenated Organics by EPA 8015D - GRO mg/kg ND 20.0 1 09/02/22 09/02/22 Gasoline Range Organics (C6-C10) 09/02/22 Surrogate: Bromofluorobenzene 104 % 09/02/22 70-130 Surrogate: 1,2-Dichloroethane-d4 104 % 09/02/22 09/02/22 70-130 09/02/22 Surrogate: Toluene-d8 107 % 09/02/22 70-130 Analyst: JL mg/kg mg/kg Batch: 2236071 Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/02/22 09/02/22 768 25.0 1 Diesel Range Organics (C10-C28) 426 50.0 1 09/02/22 09/02/22 Oil Range Organics (C28-C36) Surrogate: n-Nonane 113 % 50-200 09/02/22 09/02/22 mg/kg mg/kg Analyst: RAS Batch: 2236075 Anions by EPA 300.0/9056A

20.0

103

1

09/02/22

09/02/22

Chloride

Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

S-1 (1') E209004-02

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		95.8 %	70-130	09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	09/02/22	09/02/22	
Surrogate: Toluene-d8		94.3 %	70-130	09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130	09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	09/02/22	09/02/22	
Surrogate: Toluene-d8		94.3 %	70-130	09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	1580	25.0	1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	808	50.0	1	09/02/22	09/02/22	
Surrogate: n-Nonane		128 %	50-200	09/02/22	09/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: RAS		Batch: 2236075
Chloride	121	20.0	1	09/02/22	09/02/22	

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

### S-1 (1.5') E209004-03

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Surrogate: Bromofluorobenzene		99.3 %	70-130		09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/02/22	09/02/22	
Surrogate: Toluene-d8		94.4 %	70-130		09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/02/22	09/02/22	
Surrogate: Bromofluorobenzene		99.3 %	70-130		09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/02/22	09/02/22	
Surrogate: Toluene-d8		94.4 %	70-130		09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane		117 %	50-200	·	09/02/22	09/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2236075
Chloride	ND	20.0	_	1	09/02/22	09/02/22	



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

S-1 (2')

#### E209004-04 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: RKS Batch: 2236079 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 09/02/22 09/02/22 ND 0.0250 Benzene 1 09/02/22 09/02/22 Ethylbenzene ND 0.0250 ND 0.0250 1 09/02/22 09/02/22 Toluene 1 09/02/22 09/02/22 o-Xylene ND 0.0250 09/02/22 09/02/22 ND 0.0500 1 p,m-Xylene 09/02/22 09/02/22 1 Total Xylenes ND 0.0250 94.0 % 09/02/22 09/02/22 Surrogate: Bromofluorobenzene 70-130 09/02/22 Surrogate: 1,2-Dichloroethane-d4 106 % 70-130 09/02/22 Surrogate: Toluene-d8 98.0 % 70-130 09/02/22 09/02/22 Analyst: RKS Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Batch: 2236079 ND 09/02/22 09/02/22 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 94.0 % 09/02/22 09/02/22 70-130 09/02/22 Surrogate: 1,2-Dichloroethane-d4 106 % 70-130 09/02/22 Surrogate: Toluene-d8 09/02/22 09/02/22 98.0 % 70-130 mg/kg Analyst: JL Batch: 2236071 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/02/22 09/02/22 25.0 1 115 Diesel Range Organics (C10-C28) 104 50.0 1 09/02/22 09/02/22 Oil Range Organics (C28-C36) 127% 50-200 09/02/22 09/02/22 Surrogate: n-Nonane Analyst: RAS Anions by EPA 300.0/9056A mg/kg mg/kg Batch: 2236075

20.0

22.0

1

09/02/22

09/02/22

Chloride

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

S-2 (0 - 0.5')

		E209004-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analys	t: 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	
Surrogate: Bromofluorobenzene		96.7 %	70-130	09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	09/02/22	09/02/22	
Surrogate: Toluene-d8		95.7 %	70-130	09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130	09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	09/02/22	09/02/22	
Surrogate: Toluene-d8		95.7 %	70-130	09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	8220	2500	100	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	7970	5000	100	09/02/22	09/02/22	
Surrogate: n-Nonane		%	50-200	09/02/22	09/02/22	S6
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2236075
Chloride	27.3	20.0	1	09/02/22	09/02/22	



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

S- (1')

#### E209004-06

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	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	
Surrogate: Bromofluorobenzene		101 %	70-130		09/02/22	09/03/22	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		09/02/22	09/03/22	
Surrogate: Toluene-d8		94.6 %	70-130		09/02/22	09/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: R	RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/02/22	09/03/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/02/22	09/03/22	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		09/02/22	09/03/22	
Surrogate: Toluene-d8		94.6 %	70-130		09/02/22	09/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		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	
Surrogate: n-Nonane	·	169 %	50-200		09/02/22	09/02/22	
	mg/kg	mg/kg		Analyst: R	RAS		Batch: 2236075
Anions by EPA 300.0/9056A	mg ng	88					



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

S-2 (1.5')

E209004-07										
Reporting										
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes			
Volatile Organic Compounds by EPA 8260B	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				
Surrogate: Bromofluorobenzene		98.6 %	70-130		09/02/22	09/03/22				
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		09/02/22	09/03/22				
Surrogate: Toluene-d8		95.3 %	70-130		09/02/22	09/03/22				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2236079			
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/02/22	09/03/22				
Surrogate: Bromofluorobenzene		98.6 %	70-130		09/02/22	09/03/22				
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		09/02/22	09/03/22				
Surrogate: Toluene-d8		95.3 %	70-130		09/02/22	09/03/22				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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				
Surrogate: n-Nonane		104 %	50-200		09/02/22	09/02/22				
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2236075			

20.0

1

09/02/22

09/02/22

71.8



Chloride

Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

S-2 (2')

#### E209004-08

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



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

S-3 (0 - 0.5')

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analys	t: 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	
Surrogate: Bromofluorobenzene		101 %	70-130	09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	09/02/22	09/02/22	
Surrogate: Toluene-d8		105 %	70-130	09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	09/02/22	09/02/22	
Surrogate: Toluene-d8		105 %	70-130	09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		82.6 %	50-200	09/02/22	09/02/22	
	mg/kg	mg/kg	Analys	t: RAS		Batch: 2236075
Anions by EPA 300.0/9056A	mg/ng	88				



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

S-3 (1') E209004-10

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



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

S-3 (1.5')

#### E209004-11 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: RKS Batch: 2236079 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 09/02/22 ND 0.0250 09/02/22 Benzene 1 09/02/22 09/02/22 Ethylbenzene ND 0.0250 ND 0.0250 1 09/02/22 09/02/22 Toluene 1 09/02/22 09/02/22 o-Xylene ND 0.0250 09/02/22 09/02/22 ND 0.0500 1 p,m-Xylene 09/02/22 09/02/22 1 Total Xylenes ND 0.0250 09/02/22 09/02/22 Surrogate: Bromofluorobenzene 101 % 70-130 Surrogate: 1,2-Dichloroethane-d4 103 % 70-130 09/02/22 09/02/22 Surrogate: Toluene-d8 103 % 70-130 09/02/22 09/02/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: RKS Batch: 2236079 ND 09/02/22 09/02/22 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 101 % 09/02/22 09/02/22 70-130 103 % 09/02/22 Surrogate: 1,2-Dichloroethane-d4 70-130 09/02/22 Surrogate: Toluene-d8 09/02/22 09/02/22 103 % 70-130 mg/kg Analyst: JL Batch: 2236071 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/02/22 25.0 1 09/02/22 123 Diesel Range Organics (C10-C28) 101 50.0 1 09/02/22 09/02/22 Oil Range Organics (C28-C36) 106 % 50-200 09/02/22 09/02/22 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: RAS Batch: 2236075

20.0

21.2

1

09/02/22

09/02/22



Chloride

Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

S-3 (2') E209004-12

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

Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

H-1 (0 - 0.5') E209004-13

		220700.10				
Anglyta	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilui	non Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		101 %	70-130	09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	09/02/22	09/02/22	
Surrogate: Toluene-d8		105 %	70-130	09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/22	09/02/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	09/02/22	09/02/22	
Surrogate: Toluene-d8		105 %	70-130	09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL		Batch: 2236071
Diesel Range Organics (C10-C28)	82.0	25.0	1	09/02/22	09/02/22	_
Oil Range Organics (C28-C36)	105	50.0	1	09/02/22	09/02/22	
Surrogate: n-Nonane		125 %	50-200	09/02/22	09/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2236075
Chloride	21.0	20.0	1	09/02/22	09/02/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

H-2 (0 - 0.5')

#### E209004-14

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	Ī	1	09/02/22	09/02/22	
Surrogate: Bromofluorobenzene		102 %	70-130		09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/02/22	09/02/22	
Surrogate: Toluene-d8		104 %	70-130		09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/02/22	09/02/22	
Surrogate: Bromofluorobenzene		102 %	70-130		09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/02/22	09/02/22	
Surrogate: Toluene-d8		104 %	70-130		09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2236071
Diesel Range Organics (C10-C28)	78.8	25.0		1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	102	50.0		1	09/02/22	09/02/22	
Surrogate: n-Nonane		124 %	50-200		09/02/22	09/02/22	
A . 1 EDA 200 0/0056 A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2236075
Anions by EPA 300.0/9056A	8 8	υ υ					



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

H-3 (0 - 0.5')

#### E209004-15

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: R	KS		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	
Surrogate: Bromofluorobenzene		103 %	70-130		09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		09/02/22	09/02/22	
Surrogate: Toluene-d8		104 %	70-130		09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: RKS			Batch: 2236079		
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/02/22	09/02/22	
Surrogate: Bromofluorobenzene		103 %	70-130		09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		09/02/22	09/02/22	
Surrogate: Toluene-d8		104 %	70-130		09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL	J		Batch: 2236071
Diesel Range Organics (C10-C28)	48.8	25.0	1		09/02/22	09/02/22	
Oil Range Organics (C28-C36)	62.1	50.0	1		09/02/22	09/02/22	
Surrogate: n-Nonane		110 %	50-200		09/02/22	09/02/22	
				4 1 4 D	4.C		Batch: 2236075
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: R.	AS		Batch: 22300/3



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

H-4 (0 - 0.5')

		E209004-16					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Surrogate: Bromofluorobenzene		106 %	70-130		09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/02/22	09/02/22	
Surrogate: Toluene-d8		105 %	70-130		09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS				Batch: 2236079
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/02/22	09/02/22	
Surrogate: Bromofluorobenzene		106 %	70-130		09/02/22	09/02/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		09/02/22	09/02/22	
Surrogate: Toluene-d8		105 %	70-130		09/02/22	09/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2236071
Diesel Range Organics (C10-C28)	159	25.0		1	09/02/22	09/02/22	
Oil Range Organics (C28-C36)	202	50.0		1	09/02/22	09/02/22	
Surrogate: n-Nonane		121 %	50-200		09/02/22	09/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2236075

20.0

09/02/22

09/02/22

34.8



Chloride

Carmona ResourcesProject Name:Longview 1-21 2nd ReleaseReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona9/6/20224:20:40PM

Midland TX, 79701		Project Manage	r: M	ike Carmona					9/6/2022 4:20:40PM
	V	olatile Organ	ic Compo	unds by EF	A 8260	В			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2236079-BLK1)							Prepared: 09	9/02/22 Ar	nalyzed: 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	9/02/22 Ar	nalyzed: 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	9/02/22 Ar	nalyzed: 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			

0.500

0.489

70-130



Surrogate: Toluene-d8

Carmona ResourcesProject Name:Longview 1-21 2nd ReleaseReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2236079-BLK1)						I	Prepared: 09	9/02/22 Analy	zed: 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)

Gasoline Range Organics (C6-C10)

43.7

20.0

50.0

87.4

70-130

3.21

20

3.21

20

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

Carmona ResourcesProject Name:Longview 1-21 2nd ReleaseReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona9/6/2022 4:20:40PM

Midiand 1A, 79701		Project Manage	r: 1VII	ike Carmona				,	70/2022 4.20.40FWI
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO	_	_	Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2236071-BLK1)							Prepared: 0	9/02/22 Ana	alyzed: 09/02/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.0		50.0		116	50-200			
LCS (2236071-BS1)							Prepared: 0	9/02/22 Ana	alyzed: 09/02/22
Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132			
urrogate: n-Nonane	52.8		50.0		106	50-200			
Matrix Spike (2236071-MS1)				Source:	E209004-	07	Prepared: 0	9/02/22 Ana	alyzed: 09/06/22
Diesel Range Organics (C10-C28)	321	25.0	250	54.6	107	38-132			
Surrogate: n-Nonane	47.3		50.0		94.6	50-200			
Matrix Spike Dup (2236071-MSD1)				Source:	E209004-	07	Prepared: 0	9/02/22 Ana	alyzed: 09/06/22
Diesel Range Organics (C10-C28)	287	25.0	250	54.6	92.8	38-132	11.3	20	
Surrogate: n-Nonane	47.4		50.0		94.7	50-200			
		23.0		34.0			11.5	20	

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	(	Longview 1-21 01058-0007 Mike Carmona	2nd Relea	se			<b>Reported:</b> 9/6/2022 4:20:40PM
		Anions	by EPA	300.0/9056	<b>A</b>				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2236075-BLK1)							Prepared: 0	9/02/22 A	nalyzed: 09/02/22
Chloride	ND	20.0							
LCS (2236075-BS1)							Prepared: 0	9/02/22 A	nalyzed: 09/02/22
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2236075-MS1)				Source:	E209004-	01	Prepared: 0	9/02/22 A	nalyzed: 09/02/22
Chloride	386	20.0	250	103	113	80-120			
Matrix Spike Dup (2236075-MSD1)				Source:	E209004-	01	Prepared: 0	9/02/22 A	nalyzed: 09/02/22
Chloride	371	20.0	250	103	107	80-120	3.96	20	

#### QC Summary Report Comment:

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



### **Definitions and Notes**

Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
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.



Project Manager:

Company Name:

City, State ZIP:

Project Name:

Project Number:

Project Location

Sampler's Name:

Received Intact:

SAMPLE RECEIPT

Cooler Custody Seals:

Sample Custody Seals:

Address:

Phone:

WO #:

Mike Carmona

Carmona Resources

Midland, TX 79701

432-813-1992

310 West Wall St. Suite 415

Longview 1-21 2nd Release

1117

Eddy Co, NM

CCM

WO#21064317

Temp Blank:

Yes No

Yes No N/A

Yes No N/A

Dale Woodall

Devon Energy

M (GRO + DRO + MRO)

4500

Pres.

Code

Parameters

**ANALYSIS REQUEST** 

Bill to: (if different)

Company Name:

City, State ZIP:

✓ Rush

24HRS

Yes No

Address:

**Turn Around** 

Email:

Routine

Due Date:

Wet Ice:

Yes No

Thermometer ID:

Correction Factor: Temperature Reading:

	Work (	Order	Page Comments	1 of2
State of Project Reporting:Leve	/PST   PRP et:	_Brow □PS	rnfields RRC	uperfund [
Deliverables: E	נו טט	ADar		ative Codes
		НОГР	None: NO  Cool: Cool  HCL: HC  H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP  NaHSO <sub>4</sub> : NAE  Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaS  Zn Acetate+Na	BIS SO <sub>3</sub>

	tal Containers:			emperature:		3007			8015						NaOH+Ascorbic Acid: SAPC
	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН						Sample Comments
	S-1 (0-0.5')	8/31/2022		X		Grab/	1	Х	X	Х					
2	S-1 (1')	8/31/2022		Х		Grab/	1	X	X	Х					
3	S-1 (1.5')	8/31/2022		Х		Grab/	1	X	X	X					
1	S-1 (2')	8/31/2022		Х		Grab/	1	X	X	Х					
5	S-2 (0-0.5')	8/31/2022		X		Grab/	1	X	X	Х		11			
0	S- (1')	8/31/2022		X		Grab/	1	X	Х	Х					
7	S-2 (1.5')	8/31/2022		X		Grab/	1	X	X	Х					
8	S-2 (2')	8/31/2022		X		Grab/	1	Х	X	Х					
7	S-3 (0-0.5')	8/31/2022		X		Grab/	1	X	X	X					
10	S-3 (1')	8/31/2022		Х		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
mike	9/01/22 10:12 +	Para.	9:1.22 10:12
72-3-11	9.1.22 4:30	Carth Chita	9/2/22 10:14
10000	Page 27 of 29		

Project Manager:	Mike C	Carmona				Bill to: (if	different)		Dale	Wooda	all								Work (	Order	Comments		
Company Name:	Carmo	na Reso	urces			Compan	y Name:		Devon Energy							Program: UST/PST PRP Brownfields RRC upperfund							
Address:	310 W	est Wall	St. Suite 41	5		Address:										State of	roje	ct:					
City, State ZIP:	Midlan	d, TX 79	701			City, Sta	te ZIP:									Reporting	:Leve	111 🔲 1	Level III	□ s	T/UST TRRP	Level IV	
Phone:	432-81	13-1992			Email:											Deliverab	les: I	EDD [		ADaP	Other:		
Project Name:	Lo	ngview '	1-21 2nd Rel	lease	Turr	Around							А	NALYS	SIS REC	UEST					Preservat	tive Codes	
Project Number:			1117		Routine	✓ Rusi	h	Pres. Code													None: NO	DI Water: H₂O	
Project Location		Edd	dy Co, NM		Due Date:	241	HRS														Cool: Cool	MeOH: Me	
Sampler's Name:			CCM							+ MRO)								1			HCL: HC	HNO <sub>3</sub> : HN	
WO #:	WO#21064317		#21064317					2		4 W									H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	<sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> NaOH: Na			
SAMPLE RECE	IPT	Tem	p Blank:	Yes No	Wet Ice:	Yes	No	Parameters	8	DRC	200										H₃PO₄: HP		
Received Intact:		Yes	s No	Thermom	eter ID:			arar	BTEX 8021B	TPH 8015M ( GRO + DRO	de 4									НОГР	NaHSO₄: NABIS		
Received Intact: Cooler Custody Seals: Sample Custody Seals: Total Containers:				Correction	n Factor:			Δ.	Ě	(GF	hlori				1					Ĭ	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>		
	eals:				ure Reading:				m	15M	0										Zn Acetate+NaO		
Total Containers:				Corrected	Temperature:					Н 80										1	NaOH+Ascorbic	Acid: SAPC	
Sample Ide	entification	on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		₫.											Sample C	omments	
S-3 (	1.5')		8/31/2022		Х		Grab/	1	X	Х	Х												
S-3	(2')		8/31/2022		Х		Grab/	1	X	X	X												
H-1 (0	)-0.5')		8/31/2022		Х		Grab/	1	Х	X	X												
H-2 (0	)-0.5')		8/31/2022		X		Grab/	1	X	X	Х												
H-3 (0	)-0.5')		8/31/2022		X		Grab/	1	X	X	X												
H-4 (0	)-0.5')		8/31/2022		X		Grab/	1	X	X	Х												

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
male	9/01/22 10/2 2	200	9.1.22 10:12
Da	9.1.22 4:30 C	with Chtw	9/2/aa 10:14

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envirotech Inc.

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

### **Envirotech Analytical Laboratory**

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 1	0:14	v	Vork Order ID:	E209004
Phone:	(432) 813-6823	Date Logged In:	09/01/22 1	8:21	I	ogged In By:	Alexa Michaels
Email:		Due Date:	09/02/22 1	7:00 (0 day TAT)			
	Custody (COC)						
	ne sample ID match the COC?	h tha COC	Yes				
	ne number of samples per sampling site location mate amples dropped off by client or carrier?	n the COC	Yes				
	e COC complete, i.e., signatures, dates/times, requestor	ad analysas?	Yes No	Carrier: <u>U</u>	<u>)PS</u>		
	Il samples received within holding time?	ed analyses:	Yes				
3. Were a	Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		103	_		Comment	s/Resolution
	<u>Urn Around Time (TAT)</u> COC indicate standard TAT, or Expedited TAT?		Yes		Time sample	ed not provi	ded on COC.
Sample (							
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C, i.  Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample to	received w/i 15	Yes				
Sample C	Container_						
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample containe	rs collected?	Yes				
Field Lal	<del></del>						
	field sample labels filled out with the minimum information ample ID?	mation:	Yes				
	rate/Time Collected?		No	L			
	ollectors name?		No				
Sample F	reservation_						
21. Does	the COC or field labels indicate the samples were pre	served?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved me	tals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multiphase		No				
27. If yes	, does the COC specify which phase(s) is to be analyz	ed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laboratory	?	No				
29. Was a	subcontract laboratory specified by the client and if s	so who?	NA	Subcontract Lab	: na		
Client I	<u>istruction</u>						

Date

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

Report to:
Conner Moehring



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Carmona Resources

Project Name: 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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

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**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

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Technical Representative/Client Services

Office: 505-421-LABS(5227)

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ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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#### **Sample Summary**

Carmona Resources	Project Name:	Longview Deep Federal 1-21	Danautada
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	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.



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

CS-1 (3') E209076-01

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



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

CS-2 (3') E209076-02

Analyte	Result	Reporting Limit	Dilut	tion 1	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilui	поп	rrepared	Analyzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	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	
Surrogate: Bromofluorobenzene		95.6 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	(	09/16/22	09/17/22	
Surrogate: Toluene-d8		94.4 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	40.0	2	:	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		95.6 %	70-130	(	09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		94.4 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		90.5 %	50-200		09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2238071
Chloride	132	20.0	1		09/16/22	09/16/22	<del></del>



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

#### CS-3 (3') E209076-03

	Reporting					
Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst: I	Y		Batch: 2238075
ND	0.0250	1	1	09/16/22	09/17/22	
ND	0.0250	1	1	09/16/22	09/17/22	
ND	0.0250	1	1	09/16/22	09/17/22	
ND	0.0250	1	1	09/16/22	09/17/22	
ND	0.0500	1	1	09/16/22	09/17/22	
ND	0.0250	1	1	09/16/22	09/17/22	
	95.6 %	70-130		09/16/22	09/17/22	
	93.5 %	70-130		09/16/22	09/17/22	
	94.1 %	70-130		09/16/22	09/17/22	
mg/kg	mg/kg		Analyst: I	Y		Batch: 2238075
ND	20.0	1	l	09/16/22	09/17/22	
	95.6 %	70-130		09/16/22	09/17/22	
	93.5 %	70-130		09/16/22	09/17/22	
	94.1 %	70-130		09/16/22	09/17/22	
mg/kg	mg/kg		Analyst: J	ΓL		Batch: 2238081
ND	25.0	1	1	09/16/22	09/16/22	
ND	50.0	1	1	09/16/22	09/16/22	
	88.5 %	50-200		09/16/22	09/16/22	
mg/kg	mg/kg		Analyst: I	KL		Batch: 2238071
	ND N	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           MD         93.5 %           94.1 %         mg/kg           ND         20.0           95.6 %         93.5 %           94.1 %         94.1 %           mg/kg         mg/kg           ND         25.0           ND         50.0           88.5 %	Result         Limit         Dilt           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           90         0.0250           95.6 %         70-130           94.1 %         70-130           95.6 %         70-130           95.6 %         70-130           94.1 %         70-130           94.1 %         70-130           94.1 %         70-130           95.6 %         50-130           95.6 %         50-200	Result         Limit         Dilution           mg/kg         mg/kg         Analyst: Interpretation           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           93.5 %         70-130           93.5 %         70-130           mg/kg         mg/kg         Analyst: Interpretation           ND         20.0         1           93.5 %         70-130         70-130           93.5 %         70-130         70-130           94.1 %         70-130         70-130           mg/kg         mg/kg         Analyst: Interpretation           ND         25.0         1           ND         50.0         1           88.5 %         50-200	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/16/22           ND         0.0250         1         09/16/22           ND         0.0250         1         09/16/22           ND         0.0250         1         09/16/22           ND         0.0500         1         09/16/22           ND         0.0250         1         09/16/22           ND         0.0250         1         09/16/22           93.5 %         70-130         09/16/22           93.5 %         70-130         09/16/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/16/22           93.5 %         70-130         09/16/22           93.5 %         70-130         09/16/22           94.1 %         70-130         09/16/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/16/22           ND         50.0         1         09/16/22           88.5 %         50-200         09/16/22	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY         ND         0.0250         1         09/16/22         09/17/22           ND         0.0500         1         09/16/22         09/17/22           ND         0.0250         1         09/16/22         09/17/22           ND         0.0250         1         09/16/22         09/17/22           ND         0.0250         1         09/16/22         09/17/22           93.5 %         70-130         09/16/22         09/17/22           94.1 %         70-130         09/16/22         09/17/22           mg/kg         mg/kg         Analyst: IY           ND         25.0         1         09/16/22         09/17/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/16/22         09/16/22           ND         50.0



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

#### CS-4 (3') E209076-04

Notes
Notes
Batch: 2238075
Batch: 2238075
Batch: 2238081
Batch: 2238071



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

CS-5 (3') E209076-05

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		95.5 %	70-130	09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	09/16/22	09/17/22	
Surrogate: Toluene-d8		94.7 %	70-130	09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	80.0	4	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130	09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	09/16/22	09/17/22	
Surrogate: Toluene-d8		94.7 %	70-130	09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		91.9 %	50-200	09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2238071
Chloride	113	20.0	1	09/16/22	09/16/22	

Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

CS-6 (3') E209076-06

		E207070-00					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Dilu	ition	riepaieu	Allalyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2238075
Benzene	ND	0.0250	1	l	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	l	09/16/22	09/17/22	
Toluene	ND	0.0250	1	l	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	l	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	l	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene	·	99.8 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		94.2 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		99.8 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		94.2 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	l	09/16/22	09/16/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/16/22	09/16/22	
Surrogate: n-Nonane		93.7 %	50-200		09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2238071
Chloride	117	20.0	1	1	09/16/22	09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

CS-7 (3') E209076-07

Analyte	Result	Reporting Limit	Dilut	tian	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilui	uon	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		101 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.6 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.6 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		90.9 %	50-200		09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2238071
Chloride	132	20.0	1		09/16/22	09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

CS-8 (3') E209076-08

		E207070-00				
Analyte	Result	Reporting Limit	Dilut	tion Prepare	d Analyzed	Notes
Analyte	Result	Limit	Dilui	non Prepare	d Analyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2238075
Benzene	ND	0.0250	1	09/16/22	2 09/17/22	
Ethylbenzene	ND	0.0250	1	09/16/22	2 09/17/22	
Toluene	ND	0.0250	1	09/16/22	2 09/17/22	
o-Xylene	ND	0.0250	1	09/16/22	2 09/17/22	
p,m-Xylene	ND	0.0500	1	09/16/22	2 09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	2 09/17/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/16/2.	2 09/17/22	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130	09/16/2.	2 09/17/22	
Surrogate: Toluene-d8		93.4 %	70-130	09/16/2.	2 09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	2 09/17/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/16/2.	2 09/17/22	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130	09/16/2.	2 09/17/22	
Surrogate: Toluene-d8		93.4 %	70-130	09/16/2.	2 09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/22	2 09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/22	2 09/16/22	
Surrogate: n-Nonane		100 %	50-200	09/16/2.	2 09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2238071
Chloride	110	20.0	1	09/16/22	2 09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

CS-9 (3') E209076-09

		E/207070-07				
Analysis	D14	Reporting		D 1	A	Nister
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		98.4 %	70-130	09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	09/16/22	09/17/22	
Surrogate: Toluene-d8		94.9 %	70-130	09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130	09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	09/16/22	09/17/22	
Surrogate: Toluene-d8		94.9 %	70-130	09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		92.2 %	50-200	09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2238071
Chloride	237	20.0	1	09/16/22	09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

CS-10 (3') E209076-10

. 1.	D 1	Reporting			D 1		N. A
Analyte	Result	Limit	Dilut	tion .	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		101 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		94.8 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	(	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		94.8 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		89.5 %	50-200		09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2238071
Chloride	137	20.0	1		09/16/22	09/16/22	



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

#### CS-11 (3')

		E209076-11					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Surrogate: Bromofluorobenzene		98.7 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.2 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY			Batch: 2238075	
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.2 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: Л		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	
Surrogate: n-Nonane		91.7 %	50-200		09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2238071
Chloride	168	20.0		1	09/16/22	09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

CS-12 (3')

		E209076-12					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2238075
Benzene	ND	0.0250	1	1	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	1	09/16/22	09/17/22	
Toluene	ND	0.0250	1	1	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	1	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	1	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		99.3 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		94.9 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		99.3 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		94.9 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2238081
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/16/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/16/22	09/16/22	
Surrogate: n-Nonane		91.0 %	50-200		09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238071
Chloride	252	20.0	1	1	09/16/22	09/16/22	



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

#### CS-13 (3')

		E209076-13					
		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Surrogate: Bromofluorobenzene		97.2 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		92.6 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: IY			Batch: 2238075	
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		92.6 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane		92.3 %	50-200		09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238071
Chloride	112	20.0		1	09/16/22	09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

#### CS-14 (3')

		E209076-14					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2238075
Benzene	ND	0.0250	1	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	1	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		99.9 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.8 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		99.9 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.8 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane		90.9 %	50-200		09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238071
Chloride	188	20.0		1	09/16/22	09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

## CS-15 (3')

		E209076-15					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2238075
Benzene	ND	0.0250	1	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	
Surrogate: Bromofluorobenzene		97.3 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.7 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.7 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane		88.6 %	50-200		09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238071
Chloride	297	20.0		1	09/16/22	09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

CS-16 (3') E209076-16

	E2090/0-10					
Dagult			tion D.	mono d	A malayza J	Notes
Result	Limit	Dilut	tion Pre	epared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: IY			Batch: 2238075
ND	0.0250	1	09	/16/22	09/17/22	
ND	0.0250	1	09	/16/22	09/17/22	
ND	0.0250	1	09	/16/22	09/17/22	
ND	0.0250	1	09	/16/22	09/17/22	
ND	0.0500	1	09	/16/22	09/17/22	
ND	0.0250	1	09	/16/22	09/17/22	
	97.4 %	70-130	09	/16/22	09/17/22	
	96.4 %	70-130	09	/16/22	09/17/22	
	93.4 %	70-130	09	/16/22	09/17/22	
mg/kg	mg/kg	A	Analyst: IY			Batch: 2238075
ND	20.0	1	09	/16/22	09/17/22	
	97.4 %	70-130	09	/16/22	09/17/22	
	96.4 %	70-130	09	/16/22	09/17/22	
	93.4 %	70-130	09	/16/22	09/17/22	
mg/kg	mg/kg	A	Analyst: JL			Batch: 2238081
ND	25.0	1	09	/16/22	09/17/22	
ND	50.0	1	09	/16/22	09/17/22	
	91.3 %	50-200	09	/16/22	09/17/22	
mg/kg	mg/kg	A	Analyst: KL			Batch: 2238071
	ND ND ND ND ND ND ND ND ND Mg/kg ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           97.4 %         96.4 %           93.4 %         mg/kg           ND         20.0           97.4 %         96.4 %           93.4 %         mg/kg           mg/kg         mg/kg           ND         25.0           ND         50.0	Reporting           Result         Limit         Dilute           mg/kg         mg/kg         mg/kg           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           97.4 %         70-130           96.4 %         70-130           93.4 %         70-130           96.4 %         70-130           96.4 %         70-130           93.4 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           1           91.3 %         50-200	Reporting           Result         Limit         Dilution         Property           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09.           ND         0.0250         1         09.           ND         0.0250         1         09.           ND         0.0500         1         09.           ND         0.0250         1         09.           ND         0.0250         1         09.           96.4 %         70-130         09.           93.4 %         70-130         09.           93.4 %         70-130         09.           97.4 %         70-130         09.           96.4 %         70-130         09.           93.4 %         70-130         09.           93.4 %         70-130         09.           93.4 %         70-130         09.           93.4 %         70-130         09.           97.5 %         70-130         09.           91.3 %         50-200         1         09.	Reporting Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/16/22           ND         0.0250         1         09/16/22           ND         0.0250         1         09/16/22           ND         0.0250         1         09/16/22           ND         0.0500         1         09/16/22           ND         0.0250         1         09/16/22           ND         0.0250         1         09/16/22           96.4 %         70-130         09/16/22           93.4 %         70-130         09/16/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/16/22           93.4 %         70-130         09/16/22           93.4 %         70-130         09/16/22           93.4 %         70-130         09/16/22           93.4 %         70-130         09/16/22           93.4 %         70-130         09/16/22           ND         25.0         1         09/16/22           ND         50.0         1         09/16/22	Reporting           Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/16/22         09/17/22           ND         0.0500         1         09/16/22         09/17/22           ND         0.0250         1         09/16/22         09/17/22           ND         0.0250         1         09/16/22         09/17/22           97.4 %         70-130         09/16/22         09/17/22           96.4 %         70-130         09/16/22         09/17/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/16/22         09/17/22           97.4 %         70-130         09/16/22         09/17/22           93.4 %         70-130         09/16/22         09/17/22           mg/kg         mg/kg         Analyst: JL           ND         <



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

CS-17 (3')

		E209076-17					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Surrogate: Bromofluorobenzene		98.4 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		92.8 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		92.8 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane		90.9 %	50-200		09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238071
Chloride	315	20.0		1	09/16/22	09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

CS-18 (3')

		E209076-18					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2238075
Benzene	ND	0.0250	1	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	1	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.8 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.8 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane		88.2 %	50-200		09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238071
Chloride	336	20.0		1	09/16/22	09/16/22	



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

#### CS-19 (3') E209076-19

		E209070-19					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilu	шоп	rrepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2238075
Benzene	ND	0.0250	1	l	09/16/22	09/17/22	
Ethylbenzene	ND	0.0250	1	l	09/16/22	09/17/22	
Toluene	ND	0.0250	1	l	09/16/22	09/17/22	
o-Xylene	ND	0.0250	1	l	09/16/22	09/17/22	
p,m-Xylene	ND	0.0500	1	l	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	[	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.7 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.7 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	l	09/16/22	09/17/22	
Surrogate: n-Nonane		91.4 %	50-200		09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238071
Chloride	414	20.0	1		09/16/22	09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:48:30PM

CS-20 (3')

		E209076-20					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Surrogate: Bromofluorobenzene		97.2 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.3 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238075
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/16/22	09/17/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		09/16/22	09/17/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/16/22	09/17/22	
Surrogate: Toluene-d8		93.3 %	70-130		09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane		89.2 %	50-200		09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238071
Chloride	372	20.0		1	09/16/22	09/17/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Conner Moehring9/19/20222:48:30PM

Organic Com  rting Spike mit Level //kg mg/kg		A 8260B	Rec			Analyst: IY
nit Level			Rec			
'kg mg/kg		Rec	Limits	RPD	RPD Limit	
	g mg/kg	%	%	%	%	Notes
				Prepared: 09	9/16/22 An	nalyzed: 09/16/22
250						
250						
250						
250						
500						
250						
0.500		97.0	70-130			
0.500		95.9	70-130			
0.500		95.3	70-130			
				Prepared: 09	9/16/22 An	nalyzed: 09/19/22
250 2.50		82.3	70-130			
250 2.50		82.9	70-130			
250 2.50		77.9	70-130			
250 2.50		84.8	70-130			
5.00		82.3	70-130			
250 7.50		83.1	70-130			
0.500		105	70-130			
0.500		92.8	70-130			
0.500		97.2	70-130			
				Prepared: 09	9/16/22 An	nalyzed: 09/17/22
250 2.50		83.4	70-130	1.23	23	
		84.8	70-130	2.24	27	
250 2.50		78.8	70-130	1.12	24	
250 2.50		86.8	70-130	2.36	27	
		02.6	70 120	1 48	27	
500 5.00		83.6	/0-130	1.70	2,	
500 5.00 250 7.50		83.6 84.6	70-130	1.78	27	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.50	2.50	250     2.50     82.9       250     2.50     77.9       250     2.50     84.8       500     5.00     82.3       250     7.50     83.1       0.500     105       0.500     92.8       0.500     97.2       250     2.50     83.4       250     2.50     84.8       250     2.50     78.8       250     2.50     86.8	250         2.50         82.9         70-130           250         2.50         77.9         70-130           250         2.50         84.8         70-130           500         5.00         82.3         70-130           250         7.50         83.1         70-130           0.500         105         70-130           0.500         92.8         70-130           0.500         97.2         70-130           250         2.50         83.4         70-130           250         2.50         84.8         70-130           250         2.50         84.8         70-130           250         2.50         86.8         70-130	250 2.50 82.9 70-130 250 2.50 77.9 70-130 250 2.50 84.8 70-130 250 5.00 82.3 70-130 250 7.50 83.1 70-130 250 7.50 83.1 70-130 250 7.50 92.8 70-130 250 97.2 70-130 250 2.50 83.4 70-130 250 2.50 83.4 70-130 1.23 250 2.50 84.8 70-130 2.24 250 2.50 78.8 70-130 1.12 250 2.50 86.8 70-130 2.36	250 2.50 82.9 70-130 250 2.50 77.9 70-130 250 2.50 84.8 70-130 250 5.00 82.3 70-130 250 7.50 83.1 70-130 250 7.50 70-130 250 7.50 83.1 70-130 250 70-130 250 70-130 250 70-130 250 92.8 70-130 250 97.2 70-130 250 2.50 83.4 70-130 1.23 23 250 2.50 84.8 70-130 2.24 27 250 2.50 78.8 70-130 1.12 24 250 2.50 86.8 70-130 2.36 27

0.500

70-130



Surrogate: Toluene-d8

0.479

Carmona ResourcesProject Name:Longview Deep Federal 1-21Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Conner Moehring9/19/20222:48:30PM

Nonhalogenated	Organics by	EPA	.8015D -	GRO

Analyst: IY

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

Blank (2238075-BLK1)						Prepared: 09	9/16/22 Ana	lyzed: 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	9/16/22 Ana	lyzed: 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	9/16/22 Ana	lyzed: 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			



Carmona ResourcesProject Name:Longview Deep Federal 1-21Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Conner Moehring9/19/20222:48:30PM

Midland TX, 79701		Project Manage	r: Co	nner Moehrii	ng			9/1	9/2022 2:48:30PN
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2238081-BLK1)							Prepared: 0	9/16/22 Anal	yzed: 09/16/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.6		50.0		87.3	50-200			
LCS (2238081-BS1)							Prepared: 0	9/16/22 Anal	yzed: 09/16/22
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
Surrogate: n-Nonane	43.2		50.0		86.4	50-200			
Matrix Spike (2238081-MS1)				Source:	E209076-0	07	Prepared: 0	9/16/22 Anal	yzed: 09/16/22
Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	46.1		50.0		92.3	50-200			
Matrix Spike Dup (2238081-MSD1)				Source:	E209076-0	07	Prepared: 0	9/16/22 Anal	yzed: 09/16/22
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132	2.69	20	
Surrogate: n-Nonane	45.7		50.0		91.5	50-200			

Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:		ongview Deep 1058-0007	Federal 1	-21			Reported:
Midland TX, 79701		Project Manager	: C	onner Moehrii	ng				9/19/2022 2:48:30PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2238071-BLK1)							Prepared: 0	9/16/22 A	.nalyzed: 09/16/22
Chloride	ND	20.0							
LCS (2238071-BS1)							Prepared: 0	9/16/22 A	nalyzed: 09/16/22
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2238071-MS1)				Source:	E209076-	)1	Prepared: 0	9/16/22 A	nalyzed: 09/16/22
Chloride	374	20.0	250	105	107	80-120			
Matrix Spike Dup (2238071-MSD1)				Source:	E209076-	)1	Prepared: 0	9/16/22 A	nalyzed: 09/16/22
Chloride	442	20.0	250	105	134	80-120	16.6	20	M2

#### 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 Deep Federal 1-21	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	09/19/22 14:48

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: <u>E209076</u> JOB # 01058-0007

Company Name:   Carmona Resources   Company Name:   Devon Energy   Program: UST/PST   PRP   Irownfields   Resources   Reporting: Level II   Level III   Level II	Level IV	
Address:         310 W Wall St Ste 415         Address:         State of Project:           City, State ZIP:         Midland, TX 79701         City, State ZIP:         Reporting: Level II	Level IV  vative Codes  DI Water: H;  MeOH: Me	
City, State ZIP:         Midland, TX 79701         City, State ZIP:         Reporting:Level II	vative Codes  DI Water: H  MeOH: Me	
Phone: (432) 813-6823 Email: Dale.Woodall@dvn.com  Project Name: Longview Deep Federal 1-21 Turn Around ANALYSIS REQUEST Preser Project Number: 1081 Routine R	vative Codes  DI Water: H	
roject Name: Longview Deep Federal 1-21 Turn Around ANALYSIS REQUEST Preser Project Number: 1081 Routine Rout	DI Water: H	
roject Number: 1081 Routine Rush Pres. Code None: NO Rush Code Cool: Cool: Cool: Cool	DI Water: H	
roject Location Eddy County, New Mexico Due Date: Cool: Cool	MeOH: Me	
AMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yes No Secived Intact: Yes No N/A Correction Factor:  May Deler Custody Seals: Yes No N/A Temperature Reading:  Due Date:  1		
O#: 21073205  AMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yes No Proceeding Seals: Yes No N/A Temperature Reading:  H2SO4: H2 H2	111103.1111	
AMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yes No seceived Intact: Yes No Thermometer ID: NaHSO4: NA Noler Custody Seals: Yes No N/A Correction Factor: Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : Na Imple Custody Seals: Yes No N/A Temperature Reading:  AMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yes N		
NaHSO <sub>4</sub> ; NA Noter Custody Seals: Yes No N/A Correction Factor:  mple Custody Seals: Yes No N/A Temperature Reading:    NaHSO <sub>4</sub> ; NA   Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ; Na <sub>2</sub> S		
noler Custody Seals: Yes No N/A Correction Factor:  Ma <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : Na mple Custody Seals: Yes No N/A Temperature Reading:  Ma <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : Na Zn Acetate+N	BIS	
mple Custody Seals: Yes No N/A Temperature Reading: 💆 💆 💆 💆 📗 Zn Acetate+N	SO <sub>3</sub>	
	aOH: Zn	
tal Containers: Corrected Temperature:	NaOH+Ascorbic Acid: SAPC	
Sample Identification Date Time Soil Water Grab/ # of Comp Cont Sample	Comments	
CS-1 (3') 9/15/22 X C 1 X X X		
(5 2 (3')		
(5-3 (3')		
CS-4 (3°)		
(5-5 (3')		
c5-6 (3')		
(5-1(3')		
(5-8(3))		
(5-9 (3))		
C2-10 (3.)		

# Chain of Custody

Work Order No: <u>E20907L0</u> Job # 01058-0007

RC perfund  P Level IV her:
P Level IV
her:
rvative Codes
DI Water: I
None: NO DI Water:  Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN
ABIS
aSO <sub>3</sub>
NaOH: Zn
NaOH+Ascorbic Acid: SAPO
le Comments
la +1

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

#### **Envirotech Analytical Laboratory**

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.

we receive	no response concerning these items within 24 hours of	ine date of this noti	cc, an the	samples will be une	nyzed as requested.	
Client:	Carmona Resources	Date Received:	09/16/22	10:41	Work Order ID: E	209076
Phone:	(432) 813-6823	Date Logged In:	09/16/22	08:30	Logged In By:	Caitlin Christian
Email:	cmoehring@carmonaresouces.com	Due Date:	09/19/22	17:00 (1 day TAT)	-	
1. Does th 2. Does th 3. Were sa	Custody (COC)  The sample ID match the COC?  The number of samples per sampling site location management of the country of the		Yes Yes Yes No	Carrier: <u>L</u>	<u>ips</u>	
	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	1 the field,	Yes		<u>Comments/I</u>	<u>Resolution</u>
Sample T	urn Around Time (TAT)					
	COC indicate standard TAT, or Expedited TAT?		Yes		Project has been separated	d into 2 reports
Sample C	Cooler				due to amount of samples	. Workorders are
	ample cooler received?		Yes		as follows: E209076 COC	
8. If yes,	was cooler received in good condition?		Yes		E209077 COC pg 3,4&5	
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No		sampled not provided on	COC.
	were custody/security seals intact?		NA			
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C		·				
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	· · ·					
20. Were Sa	— iseld sample labels filled out with the minimum info to the ID? ate/Time Collected? ollectors name?	ormation:	Yes No No			
	reservation		110			
21. Does	the COC or field labels indicate the samples were pr	reserved?	No			
22. Are sa	imple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
	umples required to get sent to a subcontract laborato	rv?	No			
	subcontract laboratory specified by the client and it	-	NA	Subcontract Lab	o: na	
				Suo Contract Luc		
Chent In	struction					
						0

Date

Report to:
Conner Moehring



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Carmona Resources

Project Name: 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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

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**Alexa Michaels** 

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West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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### Sample Summary

Carmona Resources	Project Name:	Longview Deep Federal 1-21	Donoutoda
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	09/19/22 14:23

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



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

#### CS-21 (3') E209077-01

	1207077 01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	vst: IY		Batch: 2238076
ND	0.0250	1	09/16/22	09/16/22	
ND	0.0250	1	09/16/22	09/16/22	
ND	0.0250	1	09/16/22	09/16/22	
ND	0.0250	1	09/16/22	09/16/22	
ND	0.0500	1	09/16/22	09/16/22	
ND	0.0250	1	09/16/22	09/16/22	
	99.8 %	70-130	09/16/22	09/16/22	
mg/kg	mg/kg	Analy	/st: IY		Batch: 2238076
ND	20.0	1	09/16/22	09/16/22	
	81.7 %	70-130	09/16/22	09/16/22	
mg/kg	mg/kg	Analy	/st: JL		Batch: 2238080
ND	25.0	1	09/16/22	09/16/22	
ND	50.0	1	09/16/22	09/16/22	
	94.3 %	50-200	09/16/22	09/16/22	
mg/kg	mg/kg	Analy	/st: KL		Batch: 2238070
254	20.0	1	09/16/22	09/16/22	
	mg/kg ND Mg/kg ND mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           mg/kg         mg/kg           Mg/kg         mg/kg           ND         20.0           81.7 %         mg/kg           MD         25.0           ND         50.0           94.3 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         0.0250         1           MD         20.0250         1           Mg/kg         mg/kg         Analy           ND         20.0         1           81.7 %         70-130           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           94.3 %         50-200           mg/kg         mg/kg         Analy	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Manalyst: IY           ND         0.0250         1         09/16/22           ND         0.0250         1         09/16/22           ND         0.0250         1         09/16/22           ND         0.0250         1         09/16/22           ND         0.0500         1         09/16/22           ND         0.0250         1         09/16/22           mg/kg         Malyst: IV         ND         09/16/22           mg/kg         Manalyst: IJ         ND         20.0         1         09/16/22           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         09/16/22           ND         25.0         1         09/16/22         ND         50.0         1         09/16/22           mg/kg         mg/kg         Analyst: JL         <	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/16/22         09/16/22           ND         0.0250         1         09/16/22         09/16/22           ND         0.0250         1         09/16/22         09/16/22           ND         0.0500         1         09/16/22         09/16/22           ND         0.0250         1         09/16/22         09/16/22           ND         0.0250         1         09/16/22         09/16/22           mg/kg         mg/kg         Analyst: IV         ND         09/16/22           mg/kg         mg/kg         Analyst: IV         ND         20.0         1         09/16/22         09/16/22           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         09/16/22         09/16/22           ND         25.0         1         09/16/22         09/16/22         09/16/22           ND         50.0         1         09/16/22         09/16/22           ND         50.0         1         09/16/22

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

#### CS-22 (3')

E209077-02						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		78.9 %	70-130	09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		93.7 %	50-200	09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2238070
Chloride	504	20.0	1	09/16/22	09/16/22	



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#### CS-23 (3')

E209077-03						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.6 %	70-130	09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		96.1 %	50-200	09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2238070
Chloride	349	20.0	1	09/16/22	09/16/22	



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Midland TX, 79701	Project Manager:	Conner Moehring	9/19/2022 2:23:54PM

#### CS-24 (3')

E209077-04						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.9 %	70-130	09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		93.6 %	50-200	09/16/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2238070
Chloride	281	20.0	1	09/16/22	09/16/22	



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### CS-25 (3')

E209077-05							
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2238076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.7 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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		
Surrogate: n-Nonane		96.5 %	50-200	09/16/22	09/16/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2238070	
Chloride	208	20.0	1	09/16/22	09/16/22		



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#### CS-26 (3')

E209077-06							
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2238076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.6 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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		
Surrogate: n-Nonane		96.0 %	50-200	09/16/22	09/16/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2238070	
Chloride	463	20.0	1	09/16/22	09/16/22		



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### CS-27 (3')

E209077-07								
Reporting								
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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			
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	09/16/22	09/16/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2238076		
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22			
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.1 %	70-130	09/16/22	09/16/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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			
Surrogate: n-Nonane		94.9 %	50-200	09/16/22	09/16/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2238070		
Chloride	401	20.0	1	09/16/22	09/16/22			



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#### CS-28 (3')

E209077-08							
Reporting							
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2238076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.6 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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		
Surrogate: n-Nonane		95.1 %	50-200	09/16/22	09/16/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2238070	
Chloride	261	20.0	1	09/16/22	09/16/22		



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### CS-29 (3')

E209077-09							
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2238076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.2 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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		
Surrogate: n-Nonane		96.5 %	50-200	09/16/22	09/16/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2238070	
Chloride	384	20.0	1	09/16/22	09/16/22		



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### CS-30 (3')

E209077-10							
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2238076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.8 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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		
Surrogate: n-Nonane		105 %	50-200	09/16/22	09/16/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2238070	
Chloride	367	20.0	1	09/16/22	09/16/22		



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#### CS-31 (3')

E209077-11								
Reporting								
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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			
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	09/16/22	09/16/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2238076		
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22			
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.7 %	70-130	09/16/22	09/16/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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			
Surrogate: n-Nonane		101 %	50-200	09/16/22	09/17/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2238070		
Chloride	75.4	20.0	1	09/16/22	09/16/22			



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#### CS-32 (3')

E209077-12							
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: 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		
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2238076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.1 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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		
Surrogate: n-Nonane		101 %	50-200	09/16/22	09/17/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2238070	
Chloride	236	20.0	1	09/16/22	09/16/22		



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#### CS-33 (3')

E209077-13							
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2238076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.7 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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		
Surrogate: n-Nonane		108 %	50-200	09/16/22	09/17/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2238070	
Chloride	132	20.0	1	09/16/22	09/16/22		



Carmona Resources	Project Name:	Longview Deep Federal 1-21	
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Midland TX, 79701	Project Manager:	Conner Moehring	9/19/2022 2:23:54PM

#### CS-34 (3')

E209077-14							
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/16/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.9 %	70-130	09/16/22	09/16/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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		
Surrogate: n-Nonane		95.7 %	50-200	09/16/22	09/17/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2238070	
Chloride	185	20.0	1	09/16/22	09/16/22		



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Midland TX, 79701	Project Manager:	Conner Moehring	9/19/2022 2:23:54PM

#### CS-35 (3')

E209077-15								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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			
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	09/16/22	09/17/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238076		
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22			
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.6 %	70-130	09/16/22	09/17/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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			
Surrogate: n-Nonane		104 %	50-200	09/16/22	09/17/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2238070		
Chloride	327	20.0	1	09/16/22	09/16/22			



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Midland TX, 79701	Project Manager:	Conner Moehring	9/19/2022 2:23:54PM

#### CS-36 (3')

E209077-16							
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/16/22	09/17/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238076	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.0 %	70-130	09/16/22	09/17/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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		
Surrogate: n-Nonane		104 %	50-200	09/16/22	09/17/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2238070	
Chloride	115	20.0	1	09/16/22	09/16/22		



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### CS-37 (3')

		E209077-17						
Reporting								
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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			
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/16/22	09/17/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2238076		
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22			
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.3 %	70-130	09/16/22	09/17/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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			
Surrogate: n-Nonane		103 %	50-200	09/16/22	09/17/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2238070		
Chloride	420	20.0	1	09/16/22	09/16/22			



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#### CS-38 (3')

		E209077-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.4 %	70-130	09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		105 %	50-200	09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2238070
Chloride	136	20.0	1	09/16/22	09/17/22	



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#### CS-39 (3')

		E209077-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
o,m-Xylene	ND	0.0500	1	09/16/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/16/22	09/17/22	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.7 %	70-130	09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		100 %	50-200	09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2238070
Chloride	23.0	20.0	1	09/16/22	09/17/22	



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### CS-40 (3')

		E209077-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238076
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.1 %	70-130	09/16/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		106 %	50-200	09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2238070
Chloride	ND	20.0	1	09/16/22	09/17/22	



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### CS-41 (3')

		E209077-21					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077
Benzene	ND	0.0250	1	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	l	09/16/22	09/16/22	
Toluene	ND	0.0250	1	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	1	09/16/22	09/16/22	
Surrogate: Bromofluorobenzene		102 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		95.8 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/16/22	09/16/22	
Surrogate: Bromofluorobenzene		102 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		95.8 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/16/22	09/17/22	
Surrogate: n-Nonane		95.9 %	50-200		09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238064
Chloride	28.1	20.0	1	1	09/15/22	09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:23:54PM

CS-42 (3')

		E209077-22					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077
Benzene	ND	0.0250	1	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	1	09/16/22	09/16/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		87.6 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		93.7 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/16/22	09/16/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		87.6 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		93.7 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/16/22	09/17/22	
Surrogate: n-Nonane		101 %	50-200		09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238064
Chloride	66.9	20.0	1	1	09/15/22	09/16/22	



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### CS-43 (3')

		E209077-23					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077
Benzene	ND	0.0250	1	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	1	09/16/22	09/16/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		94.5 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/16/22	09/16/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		94.5 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/16/22	09/17/22	
Surrogate: n-Nonane		104 %	50-200		09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238064
Chloride	29.9	20.0	1	1	09/15/22	09/16/22	



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Midland TX, 79701	Project Manager:	Conner Moehring	9/19/2022 2:23:54PM

### CS-44 (3')

		E209077-24					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077
Benzene	ND	0.0250	1	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	1	09/16/22	09/16/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		95.3 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/16/22	09/16/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		95.3 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/16/22	09/17/22	
Surrogate: n-Nonane		101 %	50-200		09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238064
Chloride	31.2	20.0		1	09/15/22	09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:23:54PM

CS-45 (3')

		E209077-25					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077
Benzene	ND	0.0250	1	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	1	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	1	09/16/22	09/16/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		95.6 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/16/22	09/16/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		95.6 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/16/22	09/17/22	
Surrogate: n-Nonane		104 %	50-200		09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238064
Chloride	44.3	20.0	1	1	09/15/22	09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Conner Moehring9/19/2022 2:23:54PM

CS-46 (3')

		E209077-26					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077
Benzene	ND	0.0250	1	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	
Surrogate: Bromofluorobenzene		97.2 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		94.9 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	09/16/22	09/16/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		94.9 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane		110 %	50-200		09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238064
Chloride	46.0	20.0		1	09/15/22	09/16/22	



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

### CS-47 (3')

		E209077-27							
Reporting									
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077		
Benzene	ND	0.0250	1	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	į	1	09/16/22	09/16/22			
Surrogate: Bromofluorobenzene		98.6 %	70-130		09/16/22	09/16/22			
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130		09/16/22	09/16/22			
Surrogate: Toluene-d8		94.1 %	70-130		09/16/22	09/16/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2238077		
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/16/22	09/16/22			
Surrogate: Bromofluorobenzene		98.6 %	70-130		09/16/22	09/16/22			
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130		09/16/22	09/16/22			
Surrogate: Toluene-d8		94.1 %	70-130		09/16/22	09/16/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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			
Surrogate: n-Nonane		95.0 %	50-200		09/16/22	09/17/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2238064		
Chloride	35.7	20.0		1	09/15/22	09/16/22			



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

### CS-48 (3')

		E209077-28					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2238077
Benzene	ND	0.0250	1	1	09/16/22	09/16/22	
Ethylbenzene	ND	0.0250	1	1	09/16/22	09/16/22	
Toluene	ND	0.0250	1	1	09/16/22	09/16/22	
o-Xylene	ND	0.0250	1	1	09/16/22	09/16/22	
p,m-Xylene	ND	0.0500	1	l	09/16/22	09/16/22	
Total Xylenes	ND	0.0250	1	1	09/16/22	09/16/22	
Surrogate: Bromofluorobenzene		99.9 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		95.7 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2238077
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/16/22	09/16/22	
Surrogate: Bromofluorobenzene		99.9 %	70-130		09/16/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/16/22	09/16/22	
Surrogate: Toluene-d8		95.7 %	70-130		09/16/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/16/22	09/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/16/22	09/17/22	
Surrogate: n-Nonane		101 %	50-200		09/16/22	09/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	KL		Batch: 2238064
Chloride	39.6	20.0	1	1	09/15/22	09/16/22	



Carmona ResourcesProject Name:Longview Deep Federal 1-21Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Conner Moehring9/19/20222:23:54PM

Midland TX, 79701		Project Manage	r: Co	onner Moehrii	ng			9/	19/2022 2:23:54PN
	V	olatile Organ	ic Compo	unds by EI	PA 8260	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2238077-BLK1)							Prepared: 0	9/16/22 Ana	lyzed: 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: 0	9/16/22 Ana	lyzed: 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: 0	9/16/22 Ana	lyzed: 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: Bromojtuorobenzene Surrogate: 1,2-Dichloroethane-d4									

0.500

70-130



Surrogate: Toluene-d8

0.487

Surrogate: 4-Bromochlorobenzene-PID

# **QC Summary Data**

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

Midland TX, 79701		Project Manager		onner Moehrir	ng			!	9/19/2022 2:23:54PM	
Volatile Organics by EPA 8021B  Analyst: IY										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2238076-BLK1)							Prepared: 0	9/16/22 Ar	nalyzed: 09/17/22	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
p-Xylene	ND	0.0250								
o,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: 0	9/16/22 Ar	nalyzed: 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				
p-Xylene	4.43	0.0250	5.00		88.7	70-130				
o,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: 0	9/16/22 Ar	nalyzed: 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		
o,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		

70-130



Carmona ResourcesProject Name:Longview Deep Federal 1-21Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Conner Moehring9/19/20222:23:54PM

Nonhalogenated	Organics by	v EPA	8015D -	GRO

Analyst: IY

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

Blank (2238076-BLK1)						Prepared: 0	9/16/22	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: 0	9/16/22	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: 0	9/16/22	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			



Carmona ResourcesProject Name:Longview Deep Federal 1-21Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Conner Moehring9/19/20222:23:54PM

Nonhalogenated	Organics by	<b>EPA</b>	.8015D -	GRO

Analyst: IY

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

Blank (2238077-BLK1)						Prepared: 09	9/16/22 Analy	zed: 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	9/16/22 Analy	zed: 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	9/16/22 Analy	zed: 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			



Carmona ResourcesProject Name:Longview Deep Federal 1-21Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Conner Moehring9/19/20222:23:54PM

Result   Mark   Mark	Midiand 1A, 79701		Project Manage	r. Co	onner Moenrii	ng			3/	19/2022 2.23.34FW
Result   Limit   Level   Result   Rec   Limits   Rec   Result   Rec   Limits   Rec   Result   Res		Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: JL
Prepared: 09/15/22   Analyzed: 09/15/22	Analyte	Result		-		Rec		RPD		
ND   25.0   ND		mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
ND   50.0   107   50-200   50.0   107   50-200	Blank (2238059-BLK1)							Prepared: 0	9/15/22 Ana	lyzed: 09/15/22
Solution   Solution	Diesel Range Organics (C10-C28)	ND	25.0							
Prepared: 09/15/22   Analyzed: 09/15/22	Oil Range Organics (C28-C36)	ND	50.0							
Diesel Range Organics (C10-C28) 273 25.0 250 109 38-132 Surrogate: n-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: n-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: n-Nonane	53.5		50.0		107	50-200			
Matrix Spike (2238059-MS1)         Source: E209066-25         Prepared: 09/15/22         Analyzed: 09/15/22           Source: Range Organics (C10-C28)         280         25.0         250         ND         112         38-132           Source: E209066-25         Prepared: 09/15/22         Analyzed: 09/15/22           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	LCS (2238059-BS1)							Prepared: 0	9/15/22 Ana	lyzed: 09/15/22
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: n-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	Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Diesel Range Organics (C10-C28) 280 25.0 250 ND 112 38-132  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: n-Nonane	43.1		50.0		86.2	50-200			
Matrix Spike Dup (2238059-MSD1)   Source: E209066-25   Prepared: 09/15/22   Analyzed: 09/15/22	Matrix Spike (2238059-MS1)				Source:	E209066-2	25	Prepared: 0	9/15/22 Ana	lyzed: 09/15/22
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	Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132			
Diesel Range Organics (C10-C28) 290 25.0 250 ND 116 38-132 3.63 20	Surrogate: n-Nonane	43.2		50.0		86.5	50-200			
(	Matrix Spike Dup (2238059-MSD1)				Source:	E209066-2	25	Prepared: 0	9/15/22 Ana	lyzed: 09/15/22
iurrogate: n-Nonane 42.8 50.0 85.6 50-200	Diesel Range Organics (C10-C28)	290	25.0	250	ND	116	38-132	3.63	20	
	Surrogate: n-Nonane	42.8		50.0		85.6	50-200			

Carmona ResourcesProject Name:Longview Deep Federal 1-21Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Conner Moehring9/19/20222:23:54PM

Midiand 1A, 79701		Project Manager		nner Moenrii	ıg				9/19/2022 2.23.34FN
	Nonha	logenated Or	ganics by l	EPA 8015D	- DRO	ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2238080-BLK1)							Prepared: 0	9/16/22 Aı	nalyzed: 09/16/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	47.4		50.0		94.8	50-200			
LCS (2238080-BS1)							Prepared: 0	9/16/22 Aı	nalyzed: 09/16/22
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
urrogate: n-Nonane	46.6		50.0		93.2	50-200			
Matrix Spike (2238080-MS1)				Source:	E209077-0	07	Prepared: 0	9/16/22 Aı	nalyzed: 09/16/22
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132			
urrogate: n-Nonane	46.6		50.0		93.1	50-200			
Matrix Spike Dup (2238080-MSD1)				Source:	E209077-0	07	Prepared: 0	9/16/22 Aı	nalyzed: 09/16/22
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132	2.04	20	
urrogate: n-Nonane	47.1		50.0						

## **QC Summary Data**

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

		Anions by EPA 300.0/9056A												
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes					
Blank (2238064-BLK1)							Prepared: 0	9/15/22 Ana	lyzed: 09/15/22					
Chloride	ND	20.0												
LCS (2238064-BS1)							Prepared: 0	9/15/22 Ana	lyzed: 09/15/22					
Chloride	254	20.0	250		102	90-110								

,							1		,
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2238064-MS1)		Source: I	E <b>209066-2</b>	21	Prepared: 09	/15/22 Ana	lyzed: 09/16/22		
Chloride	345	100	250	ND	138	80-120			M6
Matrix Spike Dup (2238064-MSD1)		Source: I	E <b>209066-2</b>	21	Prepared: 09	/15/22 Ana	lyzed: 09/16/22		
Chloride	364	100	250	ND	145	80-120	5.28	20	M6

Chloride

Matrix Spike Dup (2238070-MSD1)

#### **QC Summary Data**

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number Project Manage	: (	Longview Deep 01058-0007 Conner Moehri		-21		9	<b>Reported:</b> 9/19/2022 2:23:54PM
		Anions	by EPA	300.0/9056	4				Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2238070-BLK1)							Prepared: 0	9/16/22 An	nalyzed: 09/16/22
Chloride	ND	20.0							
LCS (2238070-BS1)							Prepared: 0	9/16/22 An	nalyzed: 09/16/22
Chloride	248	20.0	250		99.1	90-110			
Matrix Spike (2238070-MS1)				Source:	E209077-	01	Prepared: 0	9/16/22 An	nalyzed: 09/16/22
Chloride	654	20.0	250	254	160	80-120			M2

250

Source: E209077-01

133

80-120

10.9

254

20.0

587

#### 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.



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

M2

20

#### **Definitions and Notes**

Carmona Resources	Project Name:	Longview Deep Federal 1-21	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Conner Moehring	09/19/22 14:23

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.



Work Order No: <u>E209077</u> Job# 01058-0007

	Conner N					Bill to: (	if different)		Dale	e Wood	lall								222	0.766	Page 3 of 5
Company Name:	Carmona	Reso	urces			2	ny Name:		100							-					ler Comments
Address:	310 W W	all St S	Ste 415			Address		-	Dev	on Ene	rgy		_			Pro	gram: l	UST/PS	ST PE	RP 📗	rownfields RC perfun
City, State ZIP:	Midland,	TX 797	701			City, Sta			-							1 1 0 000	e of Pr				
Phone:	(432) 813	3-6823			Em	ail: Dale.W		Name of the last													ST/UST RRP Level I
Project Name:				221.221	- 0			avn.cor	n							Deli	verables	s: EDD		AD	DaPT Other:
Project Number:	LC	rigviev	w Deep Fed	eral 1-21		rn Around		-					<b>A</b>	NALYS	IS RE	QUEST					Preservative Code
Project Location			1081		Routine	Rus	sh	Pres. Code						1							None: NO DI Water
Sampler's Name:		Eddy C	ounty, New	Mexico	Due Date:					1										-	
VO #:		-	CRM 21073205		48	Hours.			1	(NRO)			1 1	1							Cool: Cool MeOH: P
SAMPLE RECEI	т	Tome	Blank:	1	1000	1		20		+											H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: N
eceived Intact:			No Blank:	Yes No	Wet Ice:	Yes	No	nete	18	DRC	0.00	1									H <sub>3</sub> PO <sub>4</sub> : HP
ooler Custody Seals			NO N/A	Thermometer II Correction Fact				Parameters	BTEX 8021B	8015M ( GRO + DRO + MRO)	Chloride 300.0										NaHSO <sub>4</sub> : NABIS
ample Custody Seals	ple Custody Seals: Yes No N/A		Temperature R				- "		(GF	lorie				1						Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
otal Containers:					perature:				"	15M	ਹ										Zn Acetate+NaOH: Zn
Sample Ident	Ification		48.4		J. Granding.		Grab/	1000	-	TPH 80											NaOH+Ascorbic Acid: SA
CS-21 (3')	incation		Date	Time	Soil	Water	Comp	# of Cont		F											Sample Commer
CS-22 (3)		-	9/18/22		X		С	1	X	X	X					1					
(S-23 (3')		-+	-				-		1	1	1					-					
25-24 (31)			-				_														
5-25 (3)		-																			
CS-26 (3')								-													
CS-27 (3)		-				1											01 1				
2.58 (3.)		-																			
5-29 (3)																					
C5-30 (3)			40		-			-													
/			V		W		4	4	由	4	51					1	1				

Page 43 of 46

# Chain of Custody

Work Order No: <u>E209077</u> Job # 01058-0007

Conner I	Moehring				Bill to: (if	different)		Dale	Wood	all								Work O	rder Comments	
Carmon	a Resource	S			Company	Name:		Devo	n Ener	gy					Progr	am: US	ST/PST	PRP [	rownfields RC	perfund
310 W V	Vall St Ste 4	15			Address:													-		-
Midland,	TX 79701				1000 - 2000										Repor	ting:Le	vel II	Level III	□ST/UST □RRP	☐Level IV
				Ema			dvn.com								Delive	rables:	EDD	] .	ADaPT Other:	
1	ongview De	ep Fed	eral 1-21	Tur	n Around							AN	IALYSI	S REC	UEST				Preserva	tive Codes
		1081		Routine		1	Pres.													DI Water: H
	Eddy Coun	tv. New	Mexico	Due Date:			77				- 1						- 77	-11-5		MeOH: Me
					11	li.		1	80											HNO <sub>3</sub> : HN
	21	073205		7 48	Hours.		y <sub>0</sub>		≥ +		1 /									NaOH: Na
IPT	Temp Bla	nk:	Yes No	Wet Ice:	Yes	No	eter	m	ORO	0.0				7				1	2-2-2-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3	
	Yes N	lo	Thermometer ID	):			ram	8021	+	e 30									NaHSO4: NABIS	S
s:	Yes No	N/A	Correction Factor	or:			a a	Ä	GR	lorid								10.0	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO	)3
als:	Yes No	N/A	Temperature Re	eading:				m	5M	చ	1 1					- 1			Zn Acetate+Na0	OH: Zn
	Corrected Temp			erature:					1 801				- 1						NaOH+Ascorbio	c Acid: SAPC
ntification		Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH										Sample (	Comments
)	9	15/22		Х		С	1	X	×	X										
)		1		1		1		1	1	1										
()																				
)																				
)											1									
)					10			13												
)																		1		
)																				
)															11		5.7			
)		4		- খ্য		10	0	4	W	4										
	Carmon 310 W V Midland (432) 81  I PT s: httfication ) ) ) )	310 W Wall St Ste 4 Midland, TX 79701 (432) 813-6823  Longview De  Eddy Coun  210 PT Temp Bla	Carmona Resources   310 W Wall St Ste 415     Midland, TX 79701     (432) 813-6823     Longview Deep Fed   1081     Eddy County, New CRM   21073205     PT   Temp Blank: Yes No N/A     S: Yes No N/A     S: Yes No N/A     Other County (15) 22     Other Carmonia (15) 23     Other Carmonia (15) 24     Other Carmonia (15) 24     Other Carmonia (15) 25     Other Carmonia (1	Carmona Resources   310 W Wall St Ste 415	Carmona Resources   310 W Wall St Ste 415	Carmona Resources  310 W Wall St Ste 415  Address:  Midland, TX 79701  City, Stat  (432) 813-6823  Email: Dale.Wo  Longview Deep Federal 1-21  Turn Around  1081  Eddy County, New Mexico  CRM  21073205  PT Temp Blank: Yes No Wet Ice: Yes  Yes No N/A Correction Factor:  Yes No N/A Temperature Reading:  Corrected Temperature:  httfication  Date  Time  Soil  Water  Address:  City, Stat  Turn Around  Routine  A Rush  Correction  Fourity  Yes No Wet Ice: Yes  Yes No N/A Temperature Reading:  Corrected Temperature:	Carmona Resources	Carmona Resources												

Relinquished by: (Signature)	Date/Time Received by: (Signature)	Date/Time
I om youln's	9/15/22	9-15-24-300
911/km/10	0-15. Ar USOCarte Conte	- 9/1422 10:41 T
111 30	Page 44 of 46	

# Work Order No: <u>E209077</u> Job# 01058-0007

Project Manager:	Con	ner Moehrii	ng			Bill to: (if	different)		Dale	Wooda	all							V	Vork C	Order	Comments	
Company Name:	Carn	nona Reso	urces			Company			Devo	n Ener	av				Pr	ogram:	UST/I					perfund
Address:	10000	W Wall St				Address:					5,					ate of F					Д	
City, State ZIP:		and, TX 79				City, Stat									Re	porting	Level	II 🗆 Le	evel III	□st	TUST RRP	Level IV
Phone:	79	) 813-6823			Ema	il: Dale.Wo		dvn.com	-						- 1			DD [		ADaP		
Project Name:			w Deep Fed	loral 1 21		n Around			1				MALV	CIC D							·	
Project Number:		Longvie	1081	ciai i-2 i	Routine	'V Rush	1	Pres.		1		ΠÎ	NALY	313 K	EQUE	1	1		T		Preservativ	Ol Water: H <sub>2</sub> O
Project Location		Eddy (	County, New	Mexico	Due Date:	7		Code							-	+	+	+	+	-	The second of th	
Sampler's Name:		Ludy	CRM	VIVIEXICO		.1				MRO)											The second of th	MeOH: Me HNO <sub>3</sub> : HN
NO #:	la c		21073205		48	Hours.		u u		+ M						1				1		NaOH: Na
SAMPLE RECE	IPT	Tem	ip Blank:	Yes No	Wet Ice:	Yes	No	Parameters	m	SRO.	0.0										H <sub>3</sub> PO <sub>4</sub> : HP	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Received Intact:		Ye		Thermometer II				E E	3021	1	930						1				NaHSO <sub>4</sub> : NABIS	
Cooler Custody Sea	als:	Yes	No N/A	Correction Fact	or:			Pa	BTEX 8021B	GRO	Chloride 300.0										Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Sea	als:	Yes	No N/A	Temperature R	eading:				8	5M (	5									1	Zn Acetate+NaOH:	: Zn
Total Containers:				Corrected Tem	perature:					TPH 8015M ( GRO + DRO +							1				NaOH+Ascorbic Ad	cid: SAPC
Sample Ide	entificat	tion	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP											Sample Cor	mments
CS-41 (3	)		9/15/22		Х		С	1	X	X	X											
CS-42 (3	)		)		j		i		1	1	i											
Cs-43 (3"																						
CS-44 (3"																						
CS-45 (3"	_																					
CS-46 (3:																						
CS-47 (3°																M						
CS-48 (3"	)		4		4	-	4	N	d	南	1											
																				10-		

Printed: 9/16/2022 10:57:35AM

#### **Envirotech Analytical Laboratory**

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.

	C					
Client:		Date Received:	09/16/22		Work Order ID: E209077	
Phone:	(432) 813-6823	Date Logged In:	09/16/22		Logged In By: Caitlin Christ	ian
Email:	cmoehring@carmonaresouces.com	Due Date:	09/19/22	17:00 (1 day TAT)		
Chain of	Custody (COC)					
	e sample ID match the COC?		Yes			
	e number of samples per sampling site location mate	th the COC	Yes			
	imples dropped off by client or carrier?		Yes	Carrier: U	IPS	
4. Was the	c COC complete, i.e., signatures, dates/times, request	ed analyses?	No	<u> </u>	<u> </u>	
5. Were al	I samples received within holding time?	•	Yes			
	Note: Analysis, such as pH which should be conducted in				Comments/Resolution	
	i.e, 15 minute hold time, are not included in this disucssio	n.		1	<u>Comments/Acsolution</u>	
	urn Around Time (TAT)		Vac		Project has been separated into 2 i	enorts
	COC indicate standard TAT, or Expedited TAT?		Yes		due to amount of samples. Worko	-
Sample C			Vac		<del>-</del>	
	ample cooler received?  was cooler received in good condition?		Yes		as follows: E209076 COC pg 1&2	
• /	· ·		Yes		E209077 COC pg 3,4&5 of 5. Tin	ne
	e sample(s) received intact, i.e., not broken?		Yes		sampled not provided on COC.	
	custody/security seals present?		No		- <del>-</del>	
	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes			
13. If no v	risible ice, record the temperature. Actual sample	temperature: 4°C	<u> </u>			
Sample C			3.7			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?					
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?  uppropriate volume/weight or number of sample containers.	ara aollastad?	Yes Yes			
	· · ·	ers confecteur	108			
Field Lab	net. Field sample labels filled out with the minimum infor	mation:				
	ample ID?	mation.	Yes			
	ate/Time Collected?		No			
C	ollectors name?		No			
	<u>reservation</u>					
	the COC or field labels indicate the samples were pro-	eserved?	No			
	mple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved me	etals?	No			
	se Sample Matrix					
	he sample have more than one phase, i.e., multiphas		No			
27. If yes,	does the COC specify which phase(s) is to be analyst	zed?	NA			
Subcontr	act Laboratory					
28. Are sa	mples required to get sent to a subcontract laborator	y?	No			
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	o: na	
Client In	struction					

Date

Report to:
Mike Carmona



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

Carmona Resources

Project Name: 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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Rayny Hagan Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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#### **Sample Summary**

Carmona Resources	Project Name:	Longview 1-21	Reported:
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	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.

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#### CS-49 (3') E209084-01

	E209004-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2238083
ND	0.0250	1	09/17/22	09/17/22	
ND	0.0250	1	09/17/22	09/17/22	
ND	0.0250	1	09/17/22	09/17/22	
ND	0.0250	1	09/17/22	09/17/22	
ND	0.0500	1	09/17/22	09/17/22	
ND	0.0250	1	09/17/22	09/17/22	
	99.4 %	70-130	09/17/22	09/17/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2238083
ND	20.0	1	09/17/22	09/17/22	
	79.9 %	70-130	09/17/22	09/17/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2239008
ND	25.0	1	09/19/22	09/19/22	
ND	50.0	1	09/19/22	09/19/22	
	75.6 %	50-200	09/19/22	09/19/22	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2239010
101	20.0	1	09/19/22	09/19/22	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           mg/kg         mg/kg           ND         20.0           79.9 %         mg/kg           ND         25.0           ND         50.0           75.6 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           99.4 %         70-130         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           ND         25.0         1           ND         25.0         1           ND         50.0         1           75.6 %         50-200           mg/kg         Mg/kg         Anal	Reporting Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/17/22           ND         0.0250         1         09/17/22           ND         0.0250         1         09/17/22           ND         0.0500         1         09/17/22           ND         0.0250         1         09/17/22           ND         0.0250         1         09/17/22           mg/kg         mg/kg         Analyst: IV           ND         20.0         1         09/17/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/19/22           ND         50.0         0         09/19/22           ND         50.0         0         09/19/22	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/17/22         09/17/22           ND         0.0250         1         09/17/22         09/17/22           ND         0.0250         1         09/17/22         09/17/22           ND         0.0500         1         09/17/22         09/17/22           ND         0.0250         1         09/17/22         09/17/22           ND         0.0250         1         09/17/22         09/17/22           MD         0.0250         1         09/17/22         09/17/22           mg/kg         mg/kg         Analyst: IV         ND         09/17/22         09/17/22           mg/kg         mg/kg         Analyst: JL         09/17/22         09/17/22         09/17/22           mg/kg         mg/kg         Analyst: JL         09/19/22         09/19/22         09/19/22           ND         25.0         1         09/19/22         09/19/22         09/19/22           ND         50.0         1         09/19/22         09/19/22         09/19/22



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Midland TX, 79701	Project Manager:	Mike Carmona	9/20/2022 4:53:35PM

#### CS-50 (3')

		E209084-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.3 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		85.2 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	



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#### CS-51 (3')

		E209084-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
p-Xylene	ND	0.0250	1	09/17/22	09/17/22	
o,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.8 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		90.3 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2239010
Chloride	43.0	20.0	1	09/19/22	09/19/22	



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#### CS-52 (3')

		E209084-04				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	40.0	2	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.0 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: 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	
Surrogate: n-Nonane		80.8 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	·



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#### CS-53 (3')

		E209084-05				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.7 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		77.8 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2239010
Chloride	61.0	20.0	1	09/19/22	09/19/22	



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#### CS-54 (3')

		E209084-06				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: 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	
o,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.9 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: 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	
Surrogate: n-Nonane		63.4 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	



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#### CS-55 (3')

		E209084-07				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.5 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: 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	
Surrogate: n-Nonane		63.4 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2239010
Chloride	97.0	20.0	1	09/19/22	09/19/22	



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#### CS-56 (3')

		E209084-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
o,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.3 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		70.7 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	



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Midland TX, 79701	Project Manager:	Mike Carmona	9/20/2022 4:53:35PM

#### CS-57 (3')

		E209084-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: 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	
o,m-Xylene	ND	0.0500	1	09/17/22	09/17/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/17/22	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.4 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		67.5 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	



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#### CS-58 (3')

		E209084-10				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.6 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		81.4 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	



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#### CS-59 (3')

E209084-11						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.6 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		88.7 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2239010
Chloride	35.5	20.0	1	09/19/22	09/19/22	



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#### CS-60 (3')

		E209084-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.0 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		74.3 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2239010
Chloride	60.7	20.0	1	09/19/22	09/19/22	



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#### CS-61 (3')

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		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.8 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		88.5 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2239010
	122	20.0	1	09/19/22	09/19/22	•



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Midland TX, 79701	Project Manager:	Mike Carmona	9/20/2022 4:53:35PM

#### CS-62 (3')

E209084-14						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.4 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		85.5 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2239010
Chloride	126	20.0	1	09/19/22	09/19/22	



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#### CS-63 (3')

E209084-15
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		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.2 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		87.2 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2239010
Chloride	48.0	20.0	1	09/19/22	09/19/22	



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#### CS-64 (3')

E209084-16						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.0 %	70-130	09/17/22	09/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		89.2 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2239010
Chloride	ND	20.0	1	09/19/22	09/19/22	



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#### CS-65 (3')

		E209084-17				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.5 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		84.9 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2239010
Chloride	55.6	20.0	1	09/19/22	09/19/22	



### **Sample Data**

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#### CS-66 (3')

		E209084-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.5 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		80.1 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2239010
Chloride	55.9	20.0	1	09/19/22	09/19/22	



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#### CS-67 (3')

		E209084-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.1 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		83.6 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2239010
Chloride	29.2	20.0	1	09/19/22	09/19/22	



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#### CS-68 (3')

		E209084-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238083
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.8 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		82.3 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2239010
Chloride	149	20.0	1	09/19/22	09/19/22	



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#### CS-69 (3')

		E209084-21				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.5 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		93.3 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2239009
Chloride	43.2	20.0	1	09/19/22	09/19/22	



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SW-1 (3')

		E209084-22				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
o,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.0 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		69.4 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2239009
Chloride	43.8	20.0	1	09/19/22	09/19/22	



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SW-2 (3')

		E209084-23					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	09/17/22	09/18/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		78.0 %	70-130	09/17/22	09/18/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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		
Surrogate: n-Nonane		76.6 %	50-200	09/19/22	09/19/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2239009	
Chloride	40.8	20.0	1	09/19/22	09/19/22		



Carmona Resources	Project Name:	Longview 1-21	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/20/2022 4:53:35PM

#### SW-3 (3')

#### E209084-24

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
o,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.3 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		82.4 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2239009
Chloride	ND	20.0	1	09/19/22	09/19/22	



Carmona Resources	Project Name:	Longview 1-21	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/20/2022 4:53:35PM

#### SW-4 (3')

		E209084-25				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
p-Xylene	ND	0.0250	1	09/17/22	09/18/22	
o,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		78.7 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		67.3 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2239009
Chloride	46.4	20.0	1	09/19/22	09/19/22	



Carmona Resources	Project Name:	Longview 1-21	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/20/2022 4:53:35PM

#### SW-5 (3')

		E209084-26				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
o,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		78.8 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		68.0 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2239009
Chloride	20.4	20.0	1	09/19/22	09/19/22	



Carmona Resources	Project Name:	Longview 1-21	
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Midland TX, 79701	Project Manager:	Mike Carmona	9/20/2022 4:53:35PM

#### SW-6 (3')

		E209084-27				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		78.2 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		67.1 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2239009
Chloride	ND	20.0	1	09/19/22	09/19/22	



Carmona Resources	Project Name:	Longview 1-21	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/20/2022 4:53:35PM

#### SW-7 (3') E209084-28

		220700120				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
o,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		79.4 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		66.7 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2239009
Chloride	79.2	20.0	1	09/19/22	09/19/22	



Carmona Resources	Project Name:	Longview 1-21	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/20/2022 4:53:35PM

#### SW-8 (3')

		E209084-29				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.2 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		69.0 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2239009
Chloride	20.0	20.0	1	09/19/22	09/19/22	



Carmona Resources	Project Name:	Longview 1-21	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/20/2022 4:53:35PM

#### SW-9 (3')

		E209084-30				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.1 %	70-130	09/17/22	09/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		69.6 %	50-200	09/19/22	09/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2239009
Chloride	125	20.0	1	09/19/22	09/19/22	



Surrogate: 4-Bromochlorobenzene-PID

# **QC Summary Data**

Carmona Resources	Project Name:	Longview 1-21	Reported:
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Mike Carmona	9/20/2022 4:53:35PM

Midland TX, 79701		Project Manager:		ike Carmona				Ģ	9/20/2022 4:53:35PM	
		Volatile O	rganics b	y EPA 8021	B			Analyst: IY		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2238083-BLK1)						I	Prepared: 0	9/17/22 An	alyzed: 09/17/22	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
p-Xylene	ND	0.0250								
o,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)						I	Prepared: 0	9/17/22 An	alyzed: 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				
-Xylene	4.18	0.0250	5.00		83.6	70-130				
o,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)						I	Prepared: 0	9/17/22 An	alyzed: 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		
-Xylene	4.27	0.0250	5.00		85.5	70-130	2.18	20		
o,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

# **QC Summary Data**

Carmona Resources	Project Name:	Longview 1-21	Reported:
310 West Wall St. Suite 415	Project Number:	01058-0007	•
Midland TX, 79701	Project Manager:	Mike Carmona	9/20/2022 4:53:35PM

Midland TX, 79701		Project Manager	: M	ike Carmona				9/	20/2022 4:53:35PM
		Volatile O		Analyst: IY					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2238084-BLK1)							Prepared: 0	9/17/22 Ana	lyzed: 09/18/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,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: 0	9/17/22 Ana	lyzed: 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: 0	9/17/22 Ana	lyzed: 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	



 Carmona Resources
 Project Name:
 Longview 1-21
 Reported:

 310 West Wall St. Suite 415
 Project Number:
 01058-0007

 Midland TX, 79701
 Project Manager:
 Mike Carmona
 9/20/2022 4:53:35PM

Nonhalogenated	Organics by	EPA	.8015D -	GRO

Analyst: IY

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

Blank (2238083-BLK1)						Prepared: 09	9/17/22 A	nalyzed: 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	9/17/22 A	nalyzed: 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	9/17/22 A	nalyzed: 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			



Carmona ResourcesProject Name:Longview 1-21Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona9/20/2022 4:53:35PM

Nonhalogenated	Organics b	v EPA	8015D -	GRO

Analyst: IY

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

Blank (2238084-BLK1)						Prepared: 0	9/17/22	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: 0	9/17/22	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: 0	9/17/22	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**

Longview 1-21 Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 Midland TX, 79701 9/20/2022 4:53:35PM Project Manager: Mike Carmona

Midland 1X, /9/01		Project Manage	r: Mi	ike Carmona					9/20/2022 4:55:55PF
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2239007-BLK1)							Prepared: 0	9/19/22 Ar	nalyzed: 09/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	36.0		50.0		72.0	50-200			
LCS (2239007-BS1)							Prepared: 0	9/19/22 Ar	nalyzed: 09/19/22
Diesel Range Organics (C10-C28)	209	25.0	250		83.5	38-132			
Surrogate: n-Nonane	33.4		50.0		66.9	50-200			
Matrix Spike (2239007-MS1)				Source:	E209084-	21	Prepared: 0	9/19/22 Ar	nalyzed: 09/19/22
Diesel Range Organics (C10-C28)	263	25.0	250	36.0	90.9	38-132			
Surrogate: n-Nonane	35.3		50.0		70.6	50-200			
Matrix Spike Dup (2239007-MSD1)				Source:	E209084-	21	Prepared: 0	9/19/22 Ar	nalyzed: 09/19/22
Diesel Range Organics (C10-C28)	252	25.0	250	36.0	86.2	38-132	4.57	20	
Surrogate: n-Nonane	34.7		50.0		69.4	50-200			

Carmona ResourcesProject Name:Longview 1-21Reported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona9/20/2022 4:53:35PM

171, 77701		Troject Manage	1,1	nte curmona					
	Nonha	logenated Or		Analyst: JL					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2239008-BLK1)							Prepared: 0	9/19/22 Analy	zed: 09/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	34.5		50.0		68.9	50-200			
LCS (2239008-BS1)							Prepared: 0	9/19/22 Analy	zed: 09/19/22
Diesel Range Organics (C10-C28)	238	25.0	250		95.0	38-132			
Surrogate: n-Nonane	37.4		50.0		74.8	50-200			
Matrix Spike (2239008-MS1)				Source:	E209084-	05	Prepared: 0	9/19/22 Analy	zed: 09/19/22
Diesel Range Organics (C10-C28)	246	25.0	250	25.6	88.0	38-132			
Surrogate: n-Nonane	34.6		50.0		69.3	50-200			
Matrix Spike Dup (2239008-MSD1)				Source:	E209084-	05	Prepared: 0	9/19/22 Anal	zed: 09/19/22
Diesel Range Organics (C10-C28)	235	25.0	250	25.6	83.9	38-132	4.29	20	
Surrogate: n-Nonane	34.4		50.0		68.7	50-200			

Carmona Resources 310 West Wall St. Suite 415	Project Name: Project Number:	Longview 1-21 01058-0007	Reported:					
Midland TX, 79701	Project Manager:	Mike Carmona	9/20/2022 4:53:35PM					
Anions by FPA 300 0/9056A								

		Analyst: RAS							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2239009-BLK1)							Prepared: 0	9/19/22 Anal	yzed: 09/19/22
Chloride	ND	20.0							
LCS (2239009-BS1)							Prepared: 0	9/19/22 Anal	yzed: 09/19/22
Chloride	264	20.0	250		106	90-110			
Matrix Spike (2239009-MS1)				Source:	E209083-	01	Prepared: 0	9/19/22 Anal	yzed: 09/19/22
Chloride	282	20.0	250	22.6	104	80-120			
Matrix Spike Dup (2239009-MSD1)				Source:	E209083-	01	Prepared: 0	9/19/22 Anal	yzed: 09/19/22
Chloride	292	20.0	250	22.6	108	80-120	3.60	20	



Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	0	ongview 1-21 1058-0007 fike Carmona					<b>Reported:</b> 9/20/2022 4:53:35PM
		Anions	by EPA 3	300.0/9056 <i>A</i>					Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2239010-BLK1)							Prepared: 0	9/19/22	Analyzed: 09/19/22
Chloride	ND	20.0							
LCS (2239010-BS1)							Prepared: 0	9/19/22	Analyzed: 09/19/22
Chloride	244	20.0	250		97.5	90-110			
Matrix Spike (2239010-MS1)				Source:	E209084-	)1	Prepared: 0	9/19/22	Analyzed: 09/19/22
Chloride	326	20.0	250	101	90.2	80-120			
Matrix Spike Dup (2239010-MSD1)				Source:	E209084-	01	Prepared: 0	9/19/22	Analyzed: 09/19/22
Chloride	314	20.0	250	101	85.5	80-120	3.72	20	

#### QC Summary Report Comment:

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



## **Definitions and Notes**

Carmona Resources	Project Name:	Longview 1-21	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
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.



Work Order No: <u>E209084</u> Job # 01058-0007

Project Manager:	Mike Carm	ona			Bill to: (if	different)		a	de	Wood	مرا				Work Order Comments					
Company Name:	Carmona F	Resources			Company	y Name:						y		Pro	gram:	UST/PS	ST PR	P Dro	wnfields RC perfund	
Address:	310 W Wa	St Ste 415			Address:			M	dla	nd T	7			Sta	te of P	roject:				
City, State ZIP:	Midland, T				City, Stat				-40					Reporting:Level II Level III ST/UST RRP Level IV						
Phone:	432.813.19	92		Emai	il:									Del	iverable	es: EDI	D 🗆	ADa	aPT ☐ Other:	
Project Name:	Longue	e 1- 2	1	Tur	n Around						ANALYSIS REQUEST							Preservative Codes		
Project Number:	1081	w 1-2		Routine	✓ Rus	h	Pres. Code												None: NO DI Water: H <sub>2</sub>	
Project Location	Eddy	C 1	U	Due Date:															Cool: Cool MeOH: Me	
Sampler's Name:	WO# 71079594				24 Hours				TPH 8015M ( GRO + DRO + MRO)							1 1		HCL: HC HNO3: HN		
PO# WOH			594						+ 0		1					H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> NaOH: Na				
SAMPLE RECE	IPT	Temp Blank	Yes No	Wet Ice:	Yes	No	Parameters	118	DR(	Chloride 300.0							1 1		H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:		Yes No	Thermometer		6		arai	BTEX 8021B	ó	de 3									NaHSO₄: NABIS	
Cooler Custody Sea		es No N					a.	E)	19)	hlori									Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Se	als: Y	es No N							15M	Ö		1					1 1		Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
Total Containers:			Corrected Te	mperature:		T = 11			)8 Hc										NaOH+ASCOIDIC ACIG. SAFO	
Sample Ide	ntification	Da	te Time	Soil	Water	Grab/ Comp	# of Cont		=										Sample Comments	
CS-4	9 (3')	9/	16 -	X		Comp	1	X	x	X										
1 50			-			11'	t	K	x	X										
51			_				•	X	X	X										
57			-	11			1	K	X	X										
53							1	X	X	X										
54			-				1	X	x	x										
55			_				1	X	X	X										
36			_				1	K	X	X										
57			_	1 2 0			1	×	K	x						-				
\$ 58	V	A	_	<b>V</b>		4	1	X	1	x										

Work Order No: <u>E209084</u> Job# 01058-0007.

																			Page _ Z	of
Project Manager:	Mike Car	mona				Bill to: (if	different)		16					••			Wor	k Order	Comments	
Company Name:	Carmona	Resour	ces			Company	y Name:							"	Program	n: UST/F	ST PRE	row	nfields RC	perfund
Address:	310 W W					Address:								"	State of					
City, State ZIP:	Midland,	TYOTA SEE				City, Stat			"					"	Reportin	g:Level I	I Level	III □st	UST RRP	Level IV
Phone:	432.813.				Emai							Deliverables: EDD						ADaP	Other:	
Project Name:	1/			4	Tur	n Around							ANAL	YSIS RE	QUEST				Preservat	ive Codes
Project Number:	4			"	Routine	✓ Rusi	n	Pres. Code						100					None: NO	DI Water: H <sub>2</sub> C
Project Location	4				Due Date:														Cool: Cool	MeOH: Me
Sampler's Name:	s Name: CC/-				4 Hours				TPH 8015M ( GRO + DRO + MRO)									HCL: HC	HNO <sub>3</sub> : HN	
PO #:			"	-			SIS		+0									H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
SAMPLE RECE	IPT	Temp	Blank:	Yes No	Wet Ice:	Yes	No	Parameters	118	DR(	Chloride 300.0								H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:		Yes	No	Thermometer ID				arar	BTEX 8021B	8	de 3						1 1		NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seal		Yes N		Correction Facto				4	3TE)	99)	hlori						1 1	- 1	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Sea	als:	Yes N	lo N/A	Temperature Re					1 "	15N	O								Zn Acetate+NaO NaOH+Ascorbic	
Total Containers:				Corrected Temp	erature:					9H 8C							1 1		NaOH+ASCOIDIC	Acid. SAPC
Sample Idea	ntification		- Date	Time	Soil	Water	Grab/ Comp	# of Cont		H.									Sample C	omments
CS - 59	(3.)		9/16	-	X		Comp	1	X	X	X			1 1						
60	1			_	X		1'	3	X	X	X									
61				-	X			1	K	X	X									
12				-	X			1	N	X	X									
63				_	X			1	X	X	K			1						
64				_	X			1	X	X	X						9			
65				-	X			1	X	K	X									
66				-	X			1	X	X	X								1	
67				_	X			1	X	X	X									
V 68	Y		V	_	X		4	1	X	X	X	121 20								
Comments:					<u> </u>		<b>V</b>		18	<u> </u>	<u>  X                                   </u>					1				
		Re	elinquished	by: (Signature)					Date	Time		K	M	A	deived by:	(Signat	ure)			Ogte/Time
	100	4	24.										1/16	CALIE	1				9-1	10-0C
(	1/11	am	2					9	11/2	M	LILA	Ca	t	the	CE		X		9/17	122/1:5
	11/1/11/1	UUU	-					1	10	-	-									

Project Manager: Company Name:	roject Manager: Mike Carmona Bil							I to: (if different)					Page <u>3</u> of <u>3</u> Work Order Comments									
ompany Name:				-					-													
		na Reso					Compan		-				_		"		gram: US te of Proje	200	_PRP _	}rownfie	lds RC perfund	
ddress:	T Section	Wall St	D. Green	5			Address		-	1.					•••	1 1			Carrai III - F	Потио	T RRP Level IV	
ity, State ZIP:		d, TX 79	701				City, Sta	te ZIP:		1					"							
none:	432.81	3.1992				Ema	Email:					Deli	Deliverables: EDD									
oject Name:	1.				/.	Tur	n Around		Pres.					ANAL	YSIS RE	QUES	Г			-41	Preservative Codes	
oject Number:	11				"	Routine	e 🗸 Rush													No	one: NO DI Water: H	
ject Location	1.				"	Due Date:														Co	ool: Cool MeOH: Me	
mpler's Name:	ce m		cc m				lours			+ MRO)									HCL: HC HN			
MPLE RECE		Ter	np Blan	ik.	Yes No	Wet Ice:	Yes	No	eters	m	RO	0.			4					PO <sub>4</sub> : HP		
ceived Intact:	-,, ,		es No		Thermometer ID	-	163	110	Parameters	BTEX 8021B	TPH 8015M ( GRO + DRO	Chloride 300.0				1 1				HSO <sub>4</sub> : NABIS		
oler Custody Sea	als:	Yes		N/A	Correction Facto				Pa	EX	GRC	oride						Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>				
mple Custody Se	eals:	Yes	Yes No N/A		es No N/A					Temperature Re	ading:	18	5M (	동							-1 1	
tal Containers:					Corrected Temp	erature:					1801									Na	OH+Ascorbic Acid: SAPC	
Sample Ide	entificatio	n		Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP.										Sample Comments	
CS - 69	(3'	)	9	116	1.0-41	X		Comp	1	X	X	X										
SW-1	(3.	)	,		_			11'	1	X	X	X										
1 7	1				_				1	X	x	x										
3									1	x	x	X										
4									1	X	X	y										
5			1		_				1	X	X	4										
6					_				1	X	X	X										
7					-					JE	x											
8					-			1	1	X	×	y					$\perp$					
Va	V		V	/	-	4		V		X	X	X										

envirotech Inc.

Printed: 9/19/2022 8:48:08AM

#### **Envirotech Analytical Laboratory**

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 13	1:50	Work	Order ID:	E209084
Phone:	(432) 813-6823	Date Logged In:	09/16/22 10	6:32	Logg	ged In By:	Caitlin Christian
Email:	mcarmona@carmonaresources.com	Due Date:	09/19/22 1	7:00 (0 day TAT)		•	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location man	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: <u>U</u>	<u>JPS</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			Comments	s/Resolution
Sample T	urn Around Time (TAT)			[			
	COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled 1	not provi	ded on COC.
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C	Container	_	_				
	queous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	_			
	reservation		No				
	the COC or field labels indicate the samples were pr	reserved?	No				
	ample(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved n	netals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be analy		NA				
		•	1471				
	act Laboratory  amples required to get sent to a subcontract laborato		No				
	subcontract laboratory specified by the client and it	•		Culto améno aé T alt			
		1 30 WIIO:	11/1	Subcontract Lab	. на		
Client Ir	<u>astruction</u>						

Date

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

Report to:
Mike Carmona





5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Carmona Resources

Project Name: 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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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**Alexa Michaels** 

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labadmin@envirotech-inc.com

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West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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## **Sample Summary**

Carmona Resources	Project Name:	Longview 1-21 2nd Release	Donordod.
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	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.



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-70 (3') E209157-01

	E207137-01				
D 1	Reporting	D'1 -:			N.
Result	Limit	Diluti	on Prepared	Analyzed	Notes
mg/kg	mg/kg	A	nalyst: IY		Batch: 2240074
ND	0.0250	1	09/29/22	09/29/22	
ND	0.0250	1	09/29/22	09/29/22	
ND	0.0250	1	09/29/22	09/29/22	
ND	0.0250	1	09/29/22	09/29/22	
ND	0.0500	1	09/29/22	09/29/22	
ND	0.0250	1	09/29/22	09/29/22	
	95.7 %	70-130	09/29/22	09/29/22	
	94.7 %	70-130	09/29/22	09/29/22	
	105 %	70-130	09/29/22	09/29/22	
mg/kg	mg/kg	A	nalyst: IY		Batch: 2240074
ND	20.0	1	09/29/22	09/29/22	
	95.7 %	70-130	09/29/22	09/29/22	
	94.7 %	70-130	09/29/22	09/29/22	
	105 %	70-130	09/29/22	09/29/22	
mg/kg	mg/kg	A	nalyst: JL		Batch: 2240040
ND	25.0	1	09/29/22	09/29/22	
ND	50.0	1	09/29/22	09/29/22	
	112 %	50-200	09/29/22	09/29/22	
mg/kg	mg/kg	A	nalyst: KL		Batch: 2240050
20.0	20.0	1	09/28/22	09/29/22	
	ND ND ND ND ND ND ND ND ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           95.7 %         94.7 %           105 %         95.7 %           94.7 %         105 %           mg/kg         mg/kg           ND         25.0           ND         50.0           112 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           95.7 %         70-130         70-130           94.7 %         70-130         1           95.7 %         70-130         1           95.7 %         70-130         1           94.7 %         70-130         1           94.7 %         70-130         1           mg/kg         mg/kg         A           ND         25.0         1           ND         50.0         1           112 %         50-200	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/29/22           ND         0.0250         1         09/29/22           ND         0.0250         1         09/29/22           ND         0.0500         1         09/29/22           ND         0.0250         1         09/29/22           ND         0.0250         1         09/29/22           ND         70-130         09/29/22           95.7 %         70-130         09/29/22           105 %         70-130         09/29/22           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/29/22           95.7 %         70-130         09/29/22           95.7 %         70-130         09/29/22           105 %         70-130         09/29/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/29/22           ND         50.0         1         09/29/22           Mg/kg         Mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY         ND         0.0250         1         09/29/22         09/29/22           ND         0.0250         1         09/29/22         09/29/22         09/29/22           ND         0.0250         1         09/29/22         09/29/22         09/29/22           ND         0.0500         1         09/29/22         09/29/22         09/29/22         09/29/22           ND         0.0250         1         09/29/22<



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-71 (3') E209157-02

		2207187 02				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilui	non Prepared	Anaryzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		96.2 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		103 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		96.2 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		103 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		113 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/30/2022 4:25:40PM

CS-72 (3') E209157-03

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg		Di	Analyst:		7 mary 200	Batch: 2240074
Volatile Organic Compounds by EPA 8260B		mg/kg		1	09/29/22	09/29/22	Datcii: 22400/4
Benzene	ND	0.0250		1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250		1			
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	
Surrogate: Bromofluorobenzene		96.7 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		106 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		106 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Л		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	
Surrogate: n-Nonane		117 %	50-200		09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: KL		Batch: 2240050
Chloride	ND	20.0		1	09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-73 (3') E209157-04

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Surrogate: Bromofluorobenzene		99.1 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		103 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		103 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane		110 %	50-200		09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2240050
· · · · · · · · · · · · · · · · · · ·		20.0		1	09/28/22	09/29/22	.,,

Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-74 (3') E209157-05

		220,107 00					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•		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	
Surrogate: Bromofluorobenzene		96.3 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		104 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		104 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane		116 %	50-200		09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: KL		Batch: 2240050
Chloride	ND	20.0		1	09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-75 (3') E209157-06

		1207137-00				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
maryc				1	Anaryzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		95.0 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		103 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		95.0 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		103 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	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	
Surrogate: n-Nonane		91.0 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-76 (3') E209157-07

		1207107 07				
Aughte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Diluti	ion Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		97.0 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		105 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		105 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		106 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-77 (3') E209157-08

		E207137-00					
	D 1	Reporting			D 1		27.
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	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	
Surrogate: Bromofluorobenzene		98.1 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		105 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		98.1 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		105 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		105 %	50-200		09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL	,		Batch: 2240050
Chloride	ND	20.0	1		09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-78 (3') E209157-09

		1207107 07				
Analyta	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	inotes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		99.7 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		88.9 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		95.7 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		99.7 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		88.9 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		95.7 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	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	
Surrogate: n-Nonane		115 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-79 (3') E209157-10

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2240074
Benzene	ND	0.0250	1	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		88.1 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		96.7 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		101 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		88.1 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		96.7 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/29/22	09/29/22	
Surrogate: n-Nonane		113 %	50-200		09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	KL		Batch: 2240050
Chloride	ND	20.0	1	1	09/28/22	09/29/22	

Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-80 (3') E209157-11

	_	Reporting	_			
Analyte	Result	Limit	Dilut	tion Prepared	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2240074
Benzene	ND	0.0250	1	09/29/22	2 09/29/22	
Ethylbenzene	ND	0.0250	1	09/29/22	2 09/29/22	
Toluene	ND	0.0250	1	09/29/22	2 09/29/22	
o-Xylene	ND	0.0250	1	09/29/22	2 09/29/22	
p,m-Xylene	ND	0.0500	1	09/29/22	2 09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	2 09/29/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	09/29/22	2 09/29/22	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130	09/29/22	2 09/29/22	
Surrogate: Toluene-d8		96.1 %	70-130	09/29/22	2 09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	2 09/29/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	09/29/22	2 09/29/22	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130	09/29/2	2 09/29/22	
Surrogate: Toluene-d8		96.1 %	70-130	09/29/2	2 09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	2 09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	2 09/29/22	
Surrogate: n-Nonane		103 %	50-200	09/29/2	2 09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2240050



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-81 (3') E209157-12

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2240074
Benzene	ND	0.0250	1	1	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		97.8 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		97.8 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/29/22	09/29/22	
Surrogate: n-Nonane		109 %	50-200		09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2240050
	ND	20.0	1		09/28/22	09/29/22	•

Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-82 (3') E209157-13

		1207137-13				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	l Analyzed	Notes
Analyte	Result	Limit	Dilui	non Preparec	i Anaryzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		96.4 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	09/29/22	9/29/22	
Surrogate: Toluene-d8		98.7 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	09/29/22	99/29/22	
Surrogate: Toluene-d8		98.7 %	70-130	09/29/22	99/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/22	2 09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/22	09/29/22	
Surrogate: n-Nonane		96.2 %	50-200	09/29/22	99/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2240050
Chloride	20.9	20.0	1	09/28/22	2 09/29/22	_



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-83 (3') E209157-14

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: 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	
Surrogate: Bromofluorobenzene		96.0 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		97.7 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		96.0 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		97.7 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: 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	
Surrogate: n-Nonane		106 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: KL		Batch: 2240050



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-84 (3') E209157-15

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2240074
Benzene	ND	0.0250	1	l	09/29/22	09/29/22	
Ethylbenzene	ND	0.0250	1	1	09/29/22	09/29/22	
Toluene	ND	0.0250	1	1	09/29/22	09/29/22	
o-Xylene	ND	0.0250	1	1	09/29/22	09/29/22	
p,m-Xylene	ND	0.0500	1	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	l	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		97.6 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		97.6 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2240040
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/29/22	09/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/29/22	09/29/22	
Surrogate: n-Nonane		102 %	50-200		09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	KL		Batch: 2240050
Chloride	ND	20.0	1	1	09/28/22	09/29/22	

Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-85 (3') E209157-16

		1207137-10				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Diluti	ion Frepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		98.4 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		105 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		105 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		106 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-86 (3') E209157-17

		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Surrogate: Bromofluorobenzene		97.1 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		105 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		105 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane		103 %	50-200		09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2240050
Chloride	ND	20.0		1	09/28/22	09/29/22	

Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-87 (3') E209157-18

		1207137-10				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Diluti	ion Prepared	Anaryzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		98.3 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		98.0 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		98.0 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		104 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-88 (3') E209157-19

Pacult			tion	Drangrad	Analyzad	Notes
Result	Lillit	Dilui	ition	rrepared	Allalyzed	Notes
mg/kg	mg/kg	A	Analyst: IY			Batch: 2240074
ND	0.0250	1		09/29/22	09/29/22	
ND	0.0250	1		09/29/22	09/29/22	
ND	0.0250	1		09/29/22	09/29/22	
ND	0.0250	1		09/29/22	09/29/22	
ND	0.0500	1		09/29/22	09/29/22	
ND	0.0250	1		09/29/22	09/29/22	
	98.2 %	70-130		09/29/22	09/29/22	
	89.1 %	70-130		09/29/22	09/29/22	
	97.0 %	70-130		09/29/22	09/29/22	
mg/kg	mg/kg	A	Analyst: IY			Batch: 2240074
ND	20.0	1	l	09/29/22	09/29/22	
	98.2 %	70-130		09/29/22	09/29/22	
	89.1 %	70-130		09/29/22	09/29/22	
	97.0 %	70-130		09/29/22	09/29/22	
mg/kg	mg/kg	A	Analyst: JL			Batch: 2240040
ND	25.0	1		09/29/22	09/29/22	
ND	50.0	1		09/29/22	09/29/22	
	99.5 %	50-200		09/29/22	09/29/22	
mg/kg	mg/kg	A	Analyst: KL			Batch: 2240050
_	ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           MD         98.2 %           89.1 %         97.0 %           mg/kg         mg/kg           ND         20.0           98.2 %         89.1 %           97.0 %         97.0 %           mg/kg         mg/kg           ND         25.0           ND         50.0	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           89.1 %         70-130           89.1 %         70-130           97.0 %         70-130           89.1 %         70-130           89.1 %         70-130           89.1 %         70-130           89.1 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0	Result         Limit         Dilution           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           89.1 %         70-130           89.1 %         70-130           mg/kg         mg/kg         Analyst: IY           ND         20.0         1           98.2 %         70-130         70-130           89.1 %         70-130         70-130           mg/kg         mg/kg         Analyst: JL           ND         25.0         1           ND         50.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/29/22           ND         0.0250         1         09/29/22           ND         0.0250         1         09/29/22           ND         0.0250         1         09/29/22           ND         0.0500         1         09/29/22           ND         0.0250         1         09/29/22           ND         70-130         09/29/22           89.1 %         70-130         09/29/22           97.0 %         70-130         09/29/22           89.1 %         70-130         09/29/22           89.1 %         70-130         09/29/22           89.1 %         70-130         09/29/22           97.0 %         70-130         09/29/22           97.0 %         70-130         09/29/22           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/29/22           ND         50.0         1         09/29/22	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY         ND         0.0250         1         09/29/22         09/29/22           ND         0.0250         1         09/29/22         09/29/22         09/29/22           ND         0.0250         1         09/29/22         09/29/22         09/29/22           ND         0.0500         1         09/29/22         09/29/22         09/29/22           ND         0.0250         1         09/29/22         09/29/22         09/29/22           ND         0.0250         1         09/29/22         09/29/22         09/29/22           ND         0.0250         1         09/29/22         09/29/22         09/29/22           89.1 %         70-130         09/29/22         09/29/22         09/29/22           97.0 %         70-130         09/29/22         09/29/22         09/29/22           97.0 %         70-130         09/29/22         09/29/22         09/29/22           97.0 %         70-130         09/29/22         09/29/22         09/29/22           mg/kg         mg/kg         Analyst: JL         ND         25.0         1



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

CS-89 (3') E209157-20

		2207187 20				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilut	ion Frepared	Anaiyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		95.7 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		97.7 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2240074
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		97.7 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	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	
Surrogate: n-Nonane		107 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: KL		Batch: 2240050
Chloride	ND	20.0	1	09/28/22	09/29/22	
Cinoriae		20.0				



Carmona ResourcesProject Name:Longview 1-21 2nd ReleaseReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

Midland TX, 79701	P	roject Manage	r: M	ike Carmona				9/	30/2022 4:25:40PN
	Vol	atile Organ	ic Compo	unds by EP.	A 82601	В			Analyst: IY
Analyte Re	esult	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mį	g/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240074-BLK1)							Prepared: 0	9/29/22 Ana	lyzed: 09/29/22
Benzene N	ND	0.0250							
Ethylbenzene N	ND	0.0250							
Toluene N	ND	0.0250							
o-Xylene N	ND	0.0250							
p,m-Xylene N	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: 0	9/29/22 Ana	lyzed: 09/29/22
Benzene 1	.84	0.0250	2.50		73.5	70-130			
Ethylbenzene 2	2.02	0.0250	2.50		80.8	70-130			
Toluene 1	.86	0.0250	2.50		74.5	70-130			
p-Xylene 2	2.07	0.0250	2.50		82.9	70-130			
p,m-Xylene 3	3.99	0.0500	5.00		79.8	70-130			
Total Xylenes 6	5.06	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: 0	9/29/22 Ana	lyzed: 09/29/22
Benzene 2	2.07	0.0250	2.50		82.8	70-130	11.9	23	
	2.24	0.0250	2.50		89.5	70-130	10.3	27	
	2.08	0.0250	2.50		83.2	70-130	11.0	24	
o-Xylene 2	2.26	0.0250	2.50		90.5	70-130	8.76	27	
p,m-Xylene 4	1.45	0.0500	5.00		89.0	70-130	10.9	27	
Total Xylenes 6	5.71	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			

0.500

70-130



Surrogate: Toluene-d8

0.495

Carmona ResourcesProject Name:Longview 1-21 2nd ReleaseReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

Nonhalogenated	Organics by	<b>EPA</b>	.8015D -	GRO

Analyst: IY

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

Blank (2240074-BLK1)						Prepared: 09	9/29/22 Ana	alyzed: 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	9/29/22 Ana	alyzed: 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	9/29/22 Ana	alyzed: 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			



Carmona ResourcesProject Name:Longview 1-21 2nd ReleaseReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:25:40PM

Midiand 1A, 79701		Project Manager	. 1011	ike Carmona					9/30/2022 4.23.40FN
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240040-BLK1)							Prepared: 09	9/29/22 A1	nalyzed: 09/29/22
iesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	58.7		50.0		117	50-200			
CS (2240040-BS1)							Prepared: 09	9/29/22 A1	nalyzed: 09/29/22
iesel Range Organics (C10-C28)	242	25.0	250		96.8	38-132			
urrogate: n-Nonane	57.8		50.0		116	50-200			
Matrix Spike (2240040-MS1)				Source:	E209157-1	18	Prepared: 09	9/29/22 A1	nalyzed: 09/30/22
iesel Range Organics (C10-C28)	240	25.0	250	ND	96.2	38-132			
urrogate: n-Nonane	58.2		50.0		116	50-200			
Matrix Spike Dup (2240040-MSD1)				Source:	E209157-1	18	Prepared: 09	9/29/22 A1	nalyzed: 09/29/22
iesel Range Organics (C10-C28)	241	25.0	250	ND	96.2	38-132	0.0639	20	

LCS Dup (2240050-BSD1)

Chloride

248

Prepared: 09/28/22 Analyzed: 09/29/22

20

### **QC Summary Data**

Carmona Resources 310 West Wall St. Suite 415 Midland TX, 79701		Project Name: Project Number: Project Manager:	(	Longview 1-21 01058-0007 Mike Carmona	2nd Relea	ise		<b>Reported:</b> 9/30/2022 4:25:40PM		
		Anions	by EPA	300.0/9056	4				Analyst: KL	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2240050-BLK1)							Prepared: 0	9/28/22 Aı	nalyzed: 09/29/22	
Chloride	ND	20.0								
LCS (2240050-BS1)							Prepared: 0	9/28/22 Aı	nalyzed: 09/29/22	
Chloride	249	20.0	250		99.6	90-110				

250

20.0

99.4

90-110

0.260

#### 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**

I	Carmona Resources	Project Name:	Longview 1-21 2nd Release	
l	310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
l	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

Project Manager:	Mike Ca	irmona				Bill to: (if	different)		Dale	Wooda	all					Work Order Comments						
Company Name:	Carmon	a Resources				Company Name:			Devon Energy					Program: UST/PST PRP Brownfields RRC uperfund								
\ddress:	310 We	st Wall St. Suit	e 415	i i		Address:										State of Project:						
City, State ZIP:	Midland	, TX 79701				City, State ZIP:						Reporting:Level II Devel III DST/UST RRP Level IV										
Phone:	432-813	3-1992			Email:	36-5										Deliverables	EDD [		ADaP	T Other:		
Project Name: Longview 1-21 2nd Release To		Turn	Around							A	NALYSIS	REQ	UEST				Preservative	Codes				
Project Number:		1117			Routine	✓ Rush	h	Pres. Code												None: NO DI	Water: H <sub>2</sub> O	
Project Location		Eddy Co, N	IM		Due Date:	241	HRS													Cool: Cool Me	eOH: Me	
Sampler's Name:		CCM								MRO)							/			HCL: HC HN	NO <sub>3</sub> : HN	
NO #:		WO#210643	17			_		SIS		+	ć÷.									H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> Na	aOH: Na	
AMPLE RECEI	PT	Temp Blank:		Yes No	Wet Ice:	Yes	No No	Parameters	ā	DRC	200								13	H₃PO₄: HP		
ceived Intact:		(Yes') No	_	Thermome	eter ID:			arar	802	0	de 4								НОГР	NaHSO₄: NABIS		
oler Custody Seal		Yes No (N/	-	Correction	Factor:			4	3TEX 8021B	(GF	Chloride 4500								¥	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>		
mple Custody Sea	als:	Yes No (N/			ure Reading:				<b>B</b>	5M	Ü									Zn Acetate+NaOH: 2	Zn	
al Containers:				Corrected	Temperature:						TPH 8015M ( GRO + DRO				- 1						NaOH+Ascorbic Aci	id: SAPC
Sample Ider	ntification	Dat	е	Time	Soil	Water	Grab/ Comp	# of Cont		TP										Sample Com	nments	
CS- 70	(3')	9/26/2	022		Х		Comp	1	Х	Х	Х									l l		
CS- 71	(3')	9/26/2	022		X		Comp	1	Х	Х	Х									2		
CS- 72	2 (3')	9/26/2	022		Х		Comp	1	Х	Х	Х		-1							3		
CS- 73	3 (3')	9/26/2	022		Х		Comp	1	Х	Х	Х									Ų		
CS- 74	(3')	9/26/2	022		Х		Comp	1	Х	Х	Х									5		
CS- 75	(3')	9/26/2	022		Х		Comp	1	Х	Х	Х									U		
CS- 76	6 (3')	9/26/2	022		X		Comp	1	Х	Х	Х									7		
CS- 77	' (3')	9/26/2	022		Х		Comp	1	Х	Х	Х		- 1							8		
CS- 78	3 (3')	9/26/2	022		Х		Comp	1	Х	Х	Х									9		
CS- 79	(3')	9/26/2	022	1	Х		Comp	1	Х	Х	Х									IÓ		

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com, , Clinton Merritt Merrittc@carmonaresources.com

Received on vis	able ice	@4°	DA	9/29/2	Q
		_	_		_

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
drut	927.22	>	9.27.22
220	9.77.26	10 Para	9/29/22 10:2

Received on visable ice @ 4° April 9/18	19/22

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9.27.22	Kan	9.27.22
2	9.27.22	account	9/29/2 10:2

Printed: 9/29/2022 11:35:50AM

### **Envirotech Analytical Laboratory**

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.

Carmona Resources Date Received: 09/29/22 10:20 E209157 Client: Work Order ID: (432) 813-6823 09/27/22 16:02 Logged In By: Alexa Michaels Phone: Date Logged In: mcarmona@carmonaresources.com 09/29/22 17:00 (0 day TAT) Emails Due Date: 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 Carrier: UPS 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No Yes 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, Comments/Resolution i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) Project was separated into 2 reports due to Yes 6. Did the COC indicate standard TAT, or Expedited TAT? amount of samples. Workorders are as Sample Cooler Yes 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? Yes E209157 COC pg 1&2 of 4, E209158 COC 9. Was the sample(s) received intact, i.e., not broken? Yes pg 3&4 of 4. Time sampled not provided on 10. Were custody/security seals present? No COC. 11. If yes, were custody/security seals intact? NA 12. Was the sample received on ice? If yes, the recorded temp is  $4^{\circ}\text{C}, \text{i.e., }6^{\circ}$ 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 NA 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? 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: Yes Sample ID? 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 filteration 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







5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Carmona Resources

Project Name: 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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Envirotech Web Address: www.envirotech-inc.com



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Chain of Custody etc.	28

### **Sample Summary**

Γ	Carmona Resources	Project Name:	Longview 1-21 2nd Release	Reported:		
ı	310 West Wall St. Suite 415	Project Number:	01058-0007	Reporteu:		
l	Midland TX, 79701	Project Manager:	Mike Carmona	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.



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:15:06PM

CS-90 (3') E209158-01

Reporting							
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Surrogate: Bromofluorobenzene		97.1 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		98.0 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		98.0 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Љ		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	
Surrogate: n-Nonane		81.6 %	50-200		09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2240051
Chloride	ND	20.0		1	09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:15:06PM

CS-91 (3') E209158-02

		220,100 02				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Diluti	ion riepaied	Anaryzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		97.9 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		99.0 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		99.0 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		74.8 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: KL		Batch: 2240051
Chloride	ND	20.0	1	09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:15:06PM

CS-92 (3') E209158-03

		1207100 00				
Analysis	Dlv	Reporting Limit			A la 1	Ni-to-
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	
Surrogate: Bromofluorobenzene		97.0 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		98.4 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		98.4 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane	·	84.0 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: KL		Batch: 2240051
Chloride	ND	20.0	1	09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:15:06PM

CS-93 (3') E209158-04

		120/100 01				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Anaryte	Result	Limit	Diluti	ion Prepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		98.2 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		99.4 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	09/29/22	09/29/22	
Surrogate: Toluene-d8		99.4 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		81.5 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2240051
Chloride	ND	20.0	1	09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:15:06PM

CS-94 (3') E209158-05

	D 1	Reporting			D 1		N. A
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		98.7 %	70-130	-	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	(	09/29/22	09/29/22	
Surrogate: Toluene-d8		98.3 %	70-130	(	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	(	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130	(	09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	(	09/29/22	09/29/22	
Surrogate: Toluene-d8		98.3 %	70-130	(	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		74.4 %	50-200	(	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2240051
Chloride	112	20.0	1		09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd Release310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:15:06PM

CS-95 (3') E209158-06

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Surrogate: Bromofluorobenzene		97.9 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		99.4 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	٠	Analyst: IY			Batch: 2240064
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	09/29/22	09/29/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130		09/29/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		09/29/22	09/29/22	
Surrogate: Toluene-d8		99.4 %	70-130		09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane		74.5 %	50-200		09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KI			Batch: 2240051
Chloride	243	20.0	1		09/28/22	09/29/22	



Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/30/2022 4:15:06PM

### CS-96 (3')

E209158-07						
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.5 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		105 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2240051
Chloride	158	20.0	1	09/28/22	09/29/22	



Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

### Sample Data

Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/30/2022 4:15:06PM

### CS-97 (3') E209158-08

#### Reporting Analyte Limit Dilution Analyzed Notes Result Prepared Analyst: IY Batch: 2240075 mg/kg mg/kg Volatile Organics by EPA 8021B 09/29/22 09/29/22 ND 0.0250 Benzene 1 09/29/22 09/29/22 Ethylbenzene ND 0.0250ND 0.02501 09/29/22 09/29/22 Toluene 1 09/29/22 09/29/22 o-Xylene ND 0.02501 09/29/22 09/29/22 ND 0.0500 p,m-Xylene 09/29/22 09/29/22 1 Total Xylenes ND 0.025009/29/22 09/29/22 100 % 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: IY Batch: 2240075 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 09/29/22 ND 20.0 1 09/29/22 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 85.1 % 09/29/22 09/29/22 70-130 mg/kg mg/kg Analyst: JL Batch: 2240039 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 09/29/22 09/29/22 Diesel Range Organics (C10-C28) ND 09/29/22 09/29/22 Oil Range Organics (C28-C36) 50.0 1

104 %

mg/kg

20.0

mg/kg

59.8

50-200

09/29/22

09/28/22

Analyst: KL

1

09/29/22

09/29/22

Batch: 2240051

Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/30/2022 4:15:06PM

### CS-98 (3')

E209158-09						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.9 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		109 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2240051
Chloride	266	20.0	1	09/28/22	09/29/22	



Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/30/2022 4:15:06PM

### CS-99 (3')

		E209158-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.2 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		103 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2240051
Chloride	122	20.0	1	09/28/22	09/29/22	



Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/30/2022 4:15:06PM

### SW-13 (3')

		E209158-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.2 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		109 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2240051
Chloride	138	20.0	1	09/28/22	09/29/22	



Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/30/2022 4:15:06PM

### SW-14 (3')

		E209158-12				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
o,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.1 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		106 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2240051
Chloride	59.5	20.0	1	09/28/22	09/29/22	



Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/30/2022 4:15:06PM

### SW-15 (3')

		E209158-13				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.8 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		109 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2240051
Chloride	185	20.0	1	09/28/22	09/29/22	



Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/30/2022 4:15:06PM

### SW-16 (3')

		E209158-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.1 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		111 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2240051
Chloride	103	20.0	1	09/28/22	09/29/22	



Carmona Resources	Project Name:	Longview 1-21 2nd Release	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	9/30/2022 4:15:06PM

## SW-17 (3')

		E209158-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
o,m-Xylene	ND	0.0500	1	09/29/22	09/29/22	
Total Xylenes	ND	0.0250	1	09/29/22	09/29/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2240075
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/22	09/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.5 %	70-130	09/29/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		109 %	50-200	09/29/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2240051
Chloride	133	20.0	1	09/28/22	09/29/22	



Carmona ResourcesProject Name:Longview 1-21 2nd ReleaseReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:15:06PM

1	Midland TX, 79701
Res	Analyte
mg/l	
	Slank (2240064-BLK1)
NI	enzene
NI	thylbenzene
NI	oluene
NI	Xylene
NI	m-Xylene
NI	otal Xylenes
0.49	urrogate: Bromofluorobenzene
d4 0.4a	urrogate: 1,2-Dichloroethane-d4
0.50	urrogate: Toluene-d8
	CS (2240064-BS1)
2.1	enzene
2.1	thylbenzene
2.1	oluene
2.1	Xylene
4.1	m-Xylene
6.3	otal Xylenes
0.50	urrogate: Bromofluorobenzene
d4 0.48	urrogate: 1,2-Dichloroethane-d4
0.49	urrogate: Toluene-d8
D1)	.CS Dup (2240064-BSD1)
2.1	enzene
2.1	thylbenzene
2.1	oluene
2.1	Xylene
4.1	m-Xylene
6.3	otal Xylenes
0.50	urrogate: Bromofluorobenzene
d4 0.50	urrogate: 1,2-Dichloroethane-d4
6.3	m-Xylene  otal Xylenes  urrogate: Bromofluorobenzene

0.500

70-130



Surrogate: Toluene-d8

0.485

Surrogate: 4-Bromochlorobenzene-PID

### **QC Summary Data**

Carmona ResourcesProject Name:Longview 1-21 2nd ReleaseReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:15:06PM

Midland TX, 79701	Project Manager:	M		30/2022 4:15:06PM					
		Volatile O	rganics b	y EPA 802	1B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240075-BLK1)						F	Prepared: 0	9/29/22 Ana	lyzed: 09/30/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Coluene	ND	0.0250							
-Xylene	ND	0.0250							
,m-Xylene	ND	0.0500							
otal Xylenes	ND	0.0250							
urrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			
LCS (2240075-BS1)						F	Prepared: 0	9/29/22 Ana	lyzed: 09/30/22
Benzene	5.10	0.0250	5.00		102	70-130			
Ethylbenzene	4.17	0.0250	5.00		83.4	70-130			
oluene	4.44	0.0250	5.00		88.8	70-130			
-Xylene	4.24	0.0250	5.00		84.9	70-130			
,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)						F	Prepared: 0	9/29/22 Ana	lyzed: 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	
Coluene	5.01	0.0250	5.00		100	70-130	12.0	20	
-Xylene	4.80	0.0250	5.00		96.0	70-130	12.3	20	
o,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	

70-130



Carmona ResourcesProject Name:Longview 1-21 2nd ReleaseReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:15:06PM

Nonhalogenated	<b>Organics</b>	by EPA	8015D -	GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240064-BLK1)						]	Prepared: 0	9/28/22 Analy	yzed: 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: 0	9/28/22 Analy	yzed: 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) Gasoline Range Organics (C6-C10) 46.3 20.0 50.0 92.5 70-130 12.7 20

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	92.5	70-130
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

Carmona ResourcesProject Name:Longview 1-21 2nd ReleaseReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona9/30/2022 4:15:06PM

	Project Manage	r: Mi	ike Carmona					9/30/2022 4:15:06PM
Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: IY
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	9/29/22 Aı	nalyzed: 09/30/22
ND	20.0							
6.95		8.00		86.8	70-130			
						Prepared: 0	9/29/22 Aı	nalyzed: 09/30/22
49.2	20.0	50.0		98.4	70-130			
	Result mg/kg ND 6.95	Nonhalogenated  Reporting Limit mg/kg mg/kg  ND 20.0 6.95	Nonhalogenated Organics  Result Limit Level mg/kg mg/kg mg/kg  ND 20.0 6.95 8.00	Nonhalogenated Organics by EPA 80  Result Limit Level Result mg/kg mg/kg mg/kg mg/kg mg/kg  ND 20.0 6.95 8.00	Nonhalogenated Organics by EPA 8015D - G	Nonhalogenated Organics by EPA 8015D - GRO  Result Limit Level Result Rec Limits mg/kg mg/kg mg/kg mg/kg % %  ND 20.0  6.95 8.00 86.8 70-130	Nonhalogenated Organics by EPA 8015D - GRO  Result Limit Level Result Rec Limits RPD mg/kg mg/kg mg/kg % % %  Prepared: 0  ND 20.0  6.95 8.00 86.8 70-130  Prepared: 0	Nonhalogenated Organics by EPA 8015D - GRO   Reporting   Spike   Source   Rec   Limits   RPD   Limit   mg/kg   mg/kg   mg/kg   mg/kg   % % % % % % %   % % %   % % %   % %   % %   % %   %

Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00	86.8	70-130			
LCS (2240075-BS2)						Prepared: 0	9/29/22 Analy	zed: 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: 0	9/29/22 Analy	zed: 09/30/22
Gasoline Range Organics (C6-C10)	43.7	20.0	50.0	87.3	70-130	11.9	20	
	7.08		8.00	88.5	70-130			

### **QC Summary Data**

Longview 1-21 2nd Release Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 Midland TX, 79701 9/30/2022 4:15:06PM Project Manager: Mike Carmona

Midland 1X, /9/01		Project Manage	r: Mi	ike Carmona					9/30/2022 4:13:00PN
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240039-BLK1)							Prepared: 0	9/28/22 <i>A</i>	analyzed: 09/29/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.2		50.0		100	50-200			
LCS (2240039-BS1)							Prepared: 0	9/28/22 A	analyzed: 09/29/22
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	52.9		50.0		106	50-200			
Matrix Spike (2240039-MS1)				Source:	E209156-	01	Prepared: 0	9/28/22 A	analyzed: 09/29/22
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	53.8		50.0		108	50-200			
Matrix Spike Dup (2240039-MSD1)				Source:	E209156-	01	Prepared: 0	9/28/22 A	analyzed: 09/29/22
Diesel Range Organics (C10-C28)	312	25.0	250	ND	125	38-132	14.0	20	
Surrogate: n-Nonane	58.5		50.0		117	50-200			



268

259

LCS (2240051-BS1)

LCS Dup (2240051-BSD1)

Chloride

Chloride

Prepared: 09/28/22 Analyzed: 09/29/22

Prepared: 09/28/22 Analyzed: 09/29/22

20

90-110

90-110

3.45

107

104

### **QC Summary Data**

Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:		Longview 1-21 01058-0007	2nd Relea	ise			Reported:
Midland TX, 79701		Project Manager: Mike Carmona							9/30/2022 4:15:06PM
		Anions	by EPA	300.0/9056	4				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2240051-BLK1)							Prepared: 0	9/28/22 A	nalyzed: 09/29/22
Chloride	ND	20.0							

250

250

20.0

20.0

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	Reported:
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: <u>E209158</u> Job# 01058-0007

Project Manager:	Mike Carmon	а			Bill to: (if	different)		Dale	Wooda	all					Work Order Comments						
Company Name:	Carmona Res	sources			Compan	y Name:		Devon Energy							Program: UST/PST PRP Brownfields RRC uperfund						
Address:	310 West Wa	II St. Suite 41	15		Address										State of Project:						
City, State ZIP:	Midland, TX 7	9701			City, Sta	City, State ZIP:									Reporting	g:Level II	Level III	□ sī	T/UST TRRP	Level IV	
hone:	432-813-1992	2		Email:											Deliverat	les: EDD		ADaP	aPT Other:		
Project Name:	Longview	/ 1-21 2nd Re	elease	Turr	Around							1	ANALYS	SIS RE	QUEST				Preservative	Codes	
Project Number:		1117		Routine	✓ Rusi	n	Pres. Code											1	None: NO D	I Water: H₂O	
Project Location	E	ddy Co, NM		Due Date:	241	HRS													Cool: Cool M	leOH: Me	
Sampler's Name:		ССМ							MRO)										HCL: HC H	NO <sub>3</sub> : HN	
NO #:	W	O#21064317					2		+										H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> N	aOH: Na	
MPLE RECEI	PT Ter	mp Blank:	Yes (No	Wet Ice:	Yes	) No	Parameters	9	8015M ( GRO + DRO	200									H₃PO₄: HP		
peived Intact:		es No	Thermon	neter ID:	)		aran	BTEX 8021B	0	Chloride 4500				N				НОГР	NaHSO₄; NABIS		
oler Custody Seal		No (N/A)	Correctio	n Factor:			ď	Ä	(GR	lori								Ξ	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>		
nple Custody Sea	ils: Yes	No (N/A)	Tempera	ture Reading:				œ	15M	5				N.					Zn Acetate+NaOH:	Zn	
al Containers:			Correcte	d Temperature:					1 80										NaOH+Ascorbic Ac	id: SAPC	
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН										Sample Con	nments	
CS- 90	(3')	9/26/2022		Х		Comp	1	Х	Х	Х									1		
CS- 91	(3')	9/26/2022		Х		Comp	1	Х	Х	Х									2		
CS- 92	! (3')	9/26/2022		Х		Comp	1	Х	Х	X									3		
CS- 93	(3')	9/26/2022		Х		Comp	1	Х	Х	Х									4		
CS- 94	(3')	9/26/2022	e v	Х		Comp	1	Х	Х	X									5		
CS- 95	(3')	9/26/2022		Х		Comp	1	Х	Х	X									6		
CS- 96	(3')	9/26/2022		Х		Comp	1	Х	Х	X									17		
CS- 97	(3')	9/26/2022		Х		Comp	1	Х	Х	X									8		
CS- 98	(3')	9/26/2022		Х	11 11 11	Comp	1	Х	Х	X									9		
CS- 99	(3')	9/26/2022		Х	1	Comp	1	Х	Х	Х									10		
Comments: Email								pehrir 26	g/C	moeh	ring@	carmo	onareso	ources	.com, , Cli	nton Mer	ritt Merrit	tc@c	armonaresources	s.com	
	D-1	inquished by:	/C:				1	Date/T						-	ent out to time a	(Signature	¥.			to/Time	

9.27.22

Page 332 of 33

Project Manager:	Mike C	armona				Bill to: (if	different)		Dale	Wood	all						W	ork Order	Comments	
Company Name:	Carmona Resources 310 West Wall St. Suite 415			Company Name:			Devon Energy				Program: UST/PST PRP Brownfields RRC uperfund									
\ddress:				Address							Stat	e of Proje	ct:							
City, State ZIP:	Midland, TX 79701			City, State ZIP:						Reporting:Level II										
Phone:	432-81	3-1992			Email:										Deli	verables:	EDD	ADaF	Other:	
Project Name:	Longview 1-21 2nd Release Turn			Around							ANA	LYSIS R	EQUES	T			Preservative Code	s		
Project Number:		11	17		Routine	✓ Rusi	h	Pres. Code											None: NO DI Water	: H <sub>2</sub> O
Project Location		Eddy (	Co, NM		Due Date:	24HRS				MRO)									Cool: Cool MeOH: Me	
Sampler's Name:			CM								1							HCL: HC HNO <sub>3</sub> : H	HNO <sub>3</sub> : HN	
NO #:	WO#21064317					ers S		+								H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> NaOH: Na				
AMPLE RECEI	PT	Temp BI		Yes (No	Wet Ice:	Yes	) No	Parameters	21B	+ DR	4500					1 1			H₃PO₄: HP	
ceived Intact:	als: Yes No (N/A) C		Thermom		ctor: Reading:		ara	Paramet BTEX 8021B	8015M ( GRO + DRO	Chloride 4500						НОГР	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			
nple Custody Seal			Correction				_									1				
al Containers:				Temperature:														NaOH+Ascorbic Acid: SAF	c	
Sample Ider	itificatio	n	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH									Sample Comment	-
SW - 13	3 (3')	9/	/26/2022		Х		Comp	1	Х	Х	X								U	
SW - 14	4 (3')	9/	/26/2022		Х		Comp	1	X	Х	Х						100		12	- 1
SW - 1	5 (3')	9/	/26/2022		Х		Comp	1	Х	Х	X								13	
SW - 10	6 (3')	9/	/26/2022		Х		Comp	1	Х	Х	X								14	
SW - 1	7 (3')	9/	/26/2022		Х		Comp	1	X	Х	Х								15	
							/													

Received on usable	ice Qu'c d	19	29/22

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	927,22	P-7	9.27.22
2	9.27.22	alieus A	9/29/22 10:

envirotech Inc.

Printed: 9/29/2022 1:37:02PM

### **Envirotech Analytical Laboratory**

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	0:20	Wor	k Order ID:	E209158
Phone:	(432) 813-6823	Date Logged In:	09/27/22 16	5:12	Log	ged In By:	Alexa Michaels
Email:	mcarmona@carmonaresources.com	Due Date:	09/29/22 17	7:00 (0 day TAT)			
1. Does th 2. Does th 3. Were sa 4. Was the 5. Were al	Custody (COC)  e sample ID match the COC?  e number of samples per sampling site location manumples dropped off by client or carrier?  COC complete, i.e., signatures, dates/times, request samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssionarn Around Time (TAT)	sted analyses?	Yes Yes Yes No Yes	Carrier: <u>U</u>	JPS	Comments	/Resolution
	COC indicate standard TAT, or Expedited TAT?		Yes		Project was se	parated in	to 2 reports due to
8. If yes, v 9. Was the 10. Were	ample cooler received? was cooler received in good condition? esample(s) received intact, i.e., not broken? custody/security seals present?		Yes Yes Yes No			c pg 1&2 c	korders are as of 4, E209158 COC led not provided
12. Was the	were custody/security seals intact? e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling risible ice, record the temperature. Actual sample	e received w/i 15	NA Yes <u>C</u>		on coc.		
Sample C			<b>3</b> .T				
	queous VOC samples present?		No NA				
	OC samples collected in VOA Vials? head space less than 6-8 mm (pea sized or less)?		NA NA				
			NA NA				
	trip blank (TB) included for VOC analyses?	0					
	on-VOC samples collected in the correct containers'		Yes Yes				
	appropriate volume/weight or number of sample contain	ners conecteu?	ies				
Sa D C	field sample labels filled out with the minimum info umple ID? ate/Time Collected? ollectors name?	ormation:	Yes Yes No				
	reservation	40	NT.				
	the COC or field labels indicate the samples were properties are propertied as a second of the compact of the c	reserved?	No NA				
	mple(s) correctly preserved? filteration required and/or requested for dissolved n	netals?	No				
	1		110				
	se Sample Matrix he sample have more than one phase, i.e., multipha	sa?	Na				
	does the COC specify which phase(s) is to be analy		No NA				
•		,200.	INA				
28. Are sa	act Laboratory  Imples required to get sent to a subcontract laborato  subcontract laboratory specified by the client and in	•	No NA 5	Subcontract Lab	o: na		
Client In	struction						

Date

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

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

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 155028

#### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	155028
	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 #NAPP2217225569 LONGVIEW FEDERAL 1 #021H, thank you. This closure is approved.	12/30/2022