Water Quality Data

The table below lists all of the drinking water contaminants that were detected during the 2023 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done January 1 – December 31, 2023. EPD requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative, is more than one year old.

Water Quality Data Table

Inorganic Contaminants

Parameter	MCL	MCLG	Your Water	**Range of Detection**	Sample Date	Typical Source of Contaminant
*Fluoride (ppm)	4	4	0.69	0.20 – 1.36	2023	Water additive that promotes strong teeth
Parameter	AL	MCLG		# of sites found above AL		
Lead (ppb)	15	0	0	0	2023	Corrosion of household plumbing systems
Copper (ppb)	1300	0	15	0	2023	Corrosion of household plumbing systems

Disinfectants and Disinfectant Byproducts

Parameter	MRDL	MRDLG		**Range of Detection**		
Chlorine (ppm)	4	4	1.27	0.23 – 2.00	2023	Water additive used to control microbes
Parameter	MCL	MCLG				
Total Trihalomethanes (ppb)	80	N/A	**77.6	9.6 – 119.9	2022 2023	By-product of drinking water chlorination
Haloacetic acids (ppb)	60	N/A	**51.9	17.0 – 64.0	2022 2023	By-product of drinking water chlorination

Microbiological Contaminants

Parameter	MCL	MCLG		**Range of Detection**		
Total Coliform Bacteria	0	0	0	0	2023	Naturally present in the environment
*Total Organic Carbon (ppm)	TT	N/A	0.97	0.56 – 1.60	2023	Naturally present in the environment
*Turbidity (NTU)	TT=1	N/A	0.05	0.02 – 0.23	2023	Soil runoff and erosion
	TT=% of samples ≤0.3	N/A	100%	N/A	2023	

* Sampling performed and data provided by the City of Hartwell, the City of Lavonia, and the City of Royston.

** This represents the highest quarterly locational running annual average during 2023.