

2023 WATER QUALITY REPORT FOR BUFFALO WATER SUPPLY

This report contains important information regarding the water quality in our water system. The source of our water is groundwater. Our water quality testing shows the following results:

CONTAMINANT	MCL - (MCLG)	Compliance		Date	Violation Yes/No	Source
		Type	Value & (Range)			
Total Trihalomethanes (ppb) [TTHM]	80 (N/A)	LRAA	43.00 (43 - 43)	09/30/2023	No	By-products of drinking water chlorination
Total Haloacetic Acids (ppb) [HAA5]	60 (N/A)	LRAA	10.00 (10 - 10)	09/30/2023	No	By-products of drinking water disinfection
Copper (ppm)	AL=1.3 (1.3)	90th	0.11 (ND - 0.34)	2021	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
Lead (ppb)	AL=15 (0)	90th	1.00 (ND - 5)	2021	No	Corrosion of household plumbing systems; erosion of natural deposits
950 - DISTRIBUTION SYSTEM						
Chlorine (ppm)	MRDL=4.0 (MRDLG=4.0)	RAA	1.8 (0.44 - 3.81)	12/31/2023	No	Water additive used to control microbes
01 - S/EP FRM WELL #1-1958						
Sodium (ppm)	N/A (N/A)	SGL	21	08/01/2023	No	Erosion of natural deposits; Added to water during treatment process
Xylenes (ppm)	10 (10)	SGL	0.0005	08/31/2021	No	Discharges from petroleum factories; Discharge from chemical factories

PFAS Information

In 2023 our water system exceeded an EPA drinking water lifetime interim health advisory for the PFAS compound(s) shown below. Public notice was previously provided for these contaminants when we became aware of the situation. Please refer to the past notification for more information regarding these results.

PFAS Compound	Date	Our Result (ppt)	Health Advisory Level (ppt)
PFOA	2023	8.1 (ND - 8.1)	0.004 (interim)
PFOS	2023	6 (ND - 6)	0.020 (interim)

Note: Contaminants with dates indicate results from the most recent testing done in accordance with regulations.

DEFINITIONS

- Maximum Contaminant Level (MCL) – The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- Maximum Contaminant Level Goal (MCLG) -- The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- ppb -- parts per billion.
- ppm -- parts per million.
- pCi/L – picocuries per liter
- N/A – Not applicable
- ND -- Not detected
- RAA – Running Annual Average