

2023 WATER QUALITY REPORT FOR GARNER WATER WORKS

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	3.00 (3 - 3)	09/30/2023	No	By-products of drinking water chlorination
Lead (ppb)	AL=15 (0)	90th	2.00 (ND - 2)	2023	No	Corrosion of household plumbing systems; erosion of natural deposits
Copper (ppm)	AL=1.3 (1.3)	90th	0.17 (0.01 - 0.31)	2023	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
950 - DISTRIBUTION SYSTEM						
Chlorine (ppm)	MRDL=4.0 (MRDLG=4.0)	RAA	0.8 (0.06 - 4.4)	12/31/2023	No	Water additive used to control microbes
Total Coliform Bacteria	TT (TT)	RTCR	2 sample(s) positive	10/31/2023	No	Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other waterborne pathogens may be present, or that a potential pathway exists through which contamination may enter the drinking water.
Fluoride (ppm)	4 (4)	RAA	0.83 (0.4529 - 0.8535)	03/31/2023	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
03 - S/EP FOR WELLS #1, #2 & #3-TREATED						
Gross Alpha, inc (pCi/L)	15 (0)	SGL	1.8	10/03/2023	No	Erosion of natural deposits
Combined Radium (pCi/L)	5 (0)	SGL	1.3	11/04/2020	No	Erosion of natural deposits
Barium (ppm)	2 (2)	SGL	0.17	04/21/2021	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4 (4)	SGL	0.6617	09/20/2023	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Sodium (ppm)	N/A (N/A)	SGL	12	04/21/2021	No	Erosion of natural deposits; Added to water during treatment process

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.