

# 2024 WATER QUALITY REPORT FOR CRYSTAL LAKE 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)			
Lead (ppb)	AL=15 (0)	90th	0.00 (ND - 1)	2022	No	Corrosion of household plumbing systems; erosion of natural deposits
Copper (ppm)	AL=1.3 (1.3)	90th	0.42 (0.09 - 0.56)	2022	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
<b>950 - DISTRIBUTION SYSTEM</b>						
Chlorine (ppm)	MRDL=4.0 (MRDLG=4.0)	RAA	1.9 (1.6 - 2.2)	12/31/2024	No	Water additive used to control microbes
Total Coliform Bacteria	TT (TT)	RTCR	1 sample(s) positive	01/31/2024	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.
Total Trihalomethanes (ppb) [TTHM]	80 (N/A)	SGL	50.00	08/10/2023	No	By-products of drinking water chlorination
Total Haloacetic Acids (ppb) [HAA5]	60 (N/A)	SGL	27.00	08/10/2023	No	By-products of drinking water disinfection
<b>02 - S/EP FROM WELLS 1 &amp; 2 - TREATED</b>						
Combined Radium (pCi/L)	5 (0)	SGL	1.8	07/13/2022	No	Erosion of natural deposits
Barium (ppm)	2 (2)	SGL	0.46	11/03/2020	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4 (4)	SGL	0.2	11/03/2020	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Sodium (ppm)	N/A (N/A)	SGL	28	11/07/2023	No	Erosion of natural deposits; Added to water during treatment process
Nitrate [as N] (ppm)	10 (10)	SGL	0.9166	2024	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [as N] (ppm)	1 (1)	SGL	0.0510 (ND - 0.0510)	2024	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Dalapon (ppb)	200 (200)	SGL	1.00	11/09/2021	No	Runoff from herbicide used on rights of way

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

## DEFINITIONS