

**PUBLIC NOTICE**  
**Thornton 2020 Water Quality Report**

**2020 WATER QUALITY REPORT FOR THORNTON WATER SUPPLY**

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

CONTAMINANT	MCL - (MCLG)	Compliance		Date	Violation	Source
		Type	Value & (Range)			
Lead (ppb)	AL=15 (0)	90th	6.00 (1 - 10)	2020	No	Corrosion of household plumbing systems; erosion of natural deposits
Copper (ppm)	AL=1.3 (1.3)	90th	0.09 (0.01 - 0.15)	2020	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	1.2 (0.6 - 1.8)	03/31/2020	No	Water additive used to control microbes
<b>01 - S/EP FOR WELL # 1 (1955) AFTER TREATMENT</b>						
Combined Radium (pCi/L)	5 (0)	SGL	2.7	07/07/2020	No	Erosion of natural deposits
Fluoride (ppm)	4 (4)	SGL	2.066	08/04/2020	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Sodium (ppm)	N/A (N/A)	SGL	22	08/06/2019	No	Erosion of natural deposits; Added to water during treatment process
Nitrate [as N] (ppm)	10 (10)	SGL	0.106	2020	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
<b>02 - S/EP FOR WELL # 2 (1988) AFTER TREATMENT</b>						
Combined Radium (pCi/L)	5 (0)	SGL	4.3	07/07/2020	No	Erosion of natural deposits
Fluoride (ppm)	4 (4)	SGL	2.076	08/04/2020	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Sodium (ppm)	N/A (N/A)	SGL	25	08/06/2019	No	Erosion of natural deposits; Added to water during treatment process
Nitrate [as N] (ppm)	10 (10)	SGL	0.082	2020	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

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