



# DRINKING WATER QUALITY

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< Water, Wastewater & Stormwater

## Water Treatment & Distribution

Community Wells

Corrosion Control

Drinking Water Quality Management System

Drinking Water Quality

Drinking Water System

Hydrant Flushing

Low Level Water Conditions

Source Water Protection

Water Fluoridation

### Contact Us

For more information

Call [905-546-2489](tel:905-546-2489) or

Email [askcity@hamilton.ca](mailto:askcity@hamilton.ca)

For a water or wastewater emergency

Call [905-546-2489](tel:905-546-2489)

When you fill up your glass with water from your tap, you can be assured that Hamilton's drinking water is safe to drink. Standards for drinking water quality are set and legally enforced by the [Safe Drinking Water Act](#). The City of Hamilton's drinking water consistently meets all Ontario Drinking Water Quality Standards. The SDWA focuses on:

- treating and testing drinking water
- public access to information and notification of adverse water results

Water samples are collected Monday to Friday by City staff from approximately 111 locations, and are analyzed for total coliform, E. coli and heterotrophic plate count. Chlorine levels are measured in the distribution system 7 days a week.

## WATER QUALITY REPORTS

### [City of Hamilton Corrosion Control Program Annual Evaluation Report 2022 \(PDF, 4.52 MB\)](#)

*This annual evaluation report is provided as per Section 6.6 of Schedule C of the City of Hamilton's Municipal Drinking Water Licence as per Part V of the Safe Drinking Water Act, 2002 (SDWA). This report assesses the effectiveness of the Corrosion Control Program within the City of Hamilton's Woodward Avenue Drinking Water Subsystem.*

### [Drinking Water Systems Annual Water Quality Report 2023 \(PDF, 10.81 MB\)](#)

*The annual Drinking Water Reports required under Section 11 of the Ontario Drinking Water Regulation O. Reg 170/03 have been combined with the Schedule 22 annual reports required under the same regulation. Information related to the specific Drinking Water System (DWS): Drinking Water System - Woodward Subsystem, Hamilton Drinking Water System - Fifty Road Subsystem, Carlisle Drinking Water System, Freelton Drinking Water System, Greensville Drinking Water System and Lynden Drinking Water System is contained in the report above. Information on each DWS can be found by clicking on the name of the DWS listed in the Table of Contents.*

### [March 2017 Rural Well Quality Report \(PDF, 782.58 KB\)](#)

LEARN ABOUT SOME OF THE

# COMMON CONCERNS ABOUT WATER QUALITY

[Yellow or rusty coloured tap water](#)



[Taste and smell of drinking water](#)



[Water hardness](#)



Water hardness is calculated using the the calcium and magnesium concentration in the water. It is expressed as mg/L calcium carbonate or in Grains per gallon (imperial or US). One grain per imperial gallon equals 14.25 mg/L calcium carbonate and one grain per US gallon equals 17.1 mg/L calcium carbonate.

### How hard is Hamilton water

The Hamilton potable water is considered to be "medium" hard. The water hardness value is about 120 mg/L calcium carbonate or about 8.4 grains per imperial gallon.

The following values are typical values for the drinking water systems. The Carlisle results listed are the average of all four wells.

DRINKING WATER SYSTEM	HARDNESS IN MG/L CALCIUM CARBONATE	HARDNESS
Carlisle	390	27.4
Freelton	360	25.3
Greensville	500	35.1
Lynden	51	3.6&

**Date modified:** February 27, 2024

Was this information helpful?

Yes ✓

No ✕