

Water

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## Water Quality Reports - Welland

The [Welland Water Treatment Plant](#) provides water to Welland and a portion of Thorold and Pelham.

### Current Status

The values below represent the water quality leaving the water treatment plant on the date indicated with the exception of pH which is for distribution water.

These values are updated on a monthly basis and measured by a laboratory that is certified by the Ministry of Environment, Conservation and Parks.

Parameter	Value	Sample Date	Range	Target in Range
<a href="#">Alkalinity</a>	90 mg/L	Dec. 18, 2023	30 - 500 mg/L	✔ Safe and within our expected range
<a href="#">Hardness</a>	116 mg/L	Dec. 18, 2023	100 - 150 mg/L	✔ Safe and within our expected range
<a href="#">pH</a>	7.57	Sept. 11, 2023	6.5-8.5	✔ Safe and within our expected range
<a href="#">E. Coli</a>	Not detected	Jan. 3, 2024	0 counts/100 mL	✔ Safe and within our expected range
<a href="#">Total Coliforms</a>	Not detected	Jan. 3, 2024	0 counts/100 mL	✔ Safe and within our expected range
<a href="#">Lead</a>	Not detected	Nov. 15, 2023	0 - 0.1 mg/L	✔ Safe and within our expected range
<a href="#">Chloride</a>	22.5 mg/L	Dec. 18, 2023	0 - 250 mg/L	✔ Safe and within our expected range
<a href="#">Sodium</a>	11.5 mg/L	Nov. 15, 2023	0-20 mg/L	✔ Safe and within our expected range
<a href="#">Sulphate</a>	35.6 mg/L	Dec. 18, 2023	0 - 200 mg/L	✔ Safe and within our expected range
<a href="#">Fluoride</a>	Not detected	Dec. 18, 2023	0 - 1.5 mg/L	✔ Safe and within our expected range
<a href="#">Vinyl Chloride</a>	Not detected	Nov. 15, 2023	0 - 0.001 mg/L	✔ Safe and within our expected range
<a href="#">Calcium</a>	32.4 mg/L	Dec. 18, 2023		No current standards or guidelines for this parameter
<a href="#">Magnesium</a>	8.54 mg/L	Dec. 18, 2023		No current standards or guidelines for this parameter

For more information about the quality of water in your local distribution system, [contact your area municipality](#).

Under Ontario Regulation 170/03 both the Regional Municipality of Niagara and the area municipalities have the responsibility to provide Water Quality Quarterly Reports.

### Reports

2023

- [2023 Annual Water Quality Report](#)
- [2023 Summary Report](#)

2022

- [2022 Annual Water Quality Report](#)
- [2022 Summary Report](#)

2021

- [2021 Annual Water Quality Report](#)
- [2021 Summary Report](#)

2020

- [2020 Annual Water Quality Report](#)
- [2020 Summary Report](#)

### Contact

Erin Shisler  
 Water Process Specialist  
 905-980-6000 ext. 3298  
[Email Erin Shisler](#)

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