

**HAMILTON TOWNSHIP DISTRIBUTION SYSTEM 2022 ANNUAL REPORT**

Drinking Water System Number:	260039208
Drinking Water System Name:	Hamilton Township Distribution System
Drinking Water System Owner:	The Corporation of the Township of Hamilton
Drinking Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2022 to December 31, 2022

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p>Does your Drinking Water System serve more than 10,000 people? Yes [ ] No [x]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [ x] No [ ]</p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Lakefront Utility Services Inc. Office 207 Division Street, Cobourg, Ontario</p> <p><a href="https://www.lakefrontutilities.com/regulatory-water/">https://www.lakefrontutilities.com/regulatory-water/</a></p> </div>	<p><b><u>Complete for all other Categories</u></b></p> <p>Number of Designated Facilities served: <input type="text"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [ ] No [ ]</p> <p>Number of Interested Authorities you report to: <input type="text"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [ ] No [ ]</p>
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**Note:** For the following tables below, additional rows or columns may be added, or an appendix may be attached to the report

List all Drinking Water Systems (if any), which receive all their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
N/A	

Did you provide a copy of your annual report to all Drinking Water System owners that are connected to you and to whom you provide all drinking water? Yes [ ] No [ ]

Indicate how you notified system users that your annual report is available and is free of charge.

- Public access/notice via the web
- Public access/notice via Government Office
- Public access/notice via a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library
- Public access/notice via other method \_\_\_\_\_

**Describe your Drinking Water System**

The Hamilton Township Stand Alone Distribution System is supplied with potable water produced by the Cobourg Water Treatment Plant (WTP). The Cobourg WTP obtains raw water through a 1050 mm steel intake pipe that extends 860m into Lake Ontario. The Stand-Alone Distribution System extends north of Hwy. 401 from Ontario Street to Oliver's Lane. Treated water is supplied to approximately 119 homes in the area bounded by Ontario Street, Oliver's Lane, and June Avenue.

The Hamilton Township Stand Alone Distribution System includes a total of 19 fire hydrants and 36 distribution valves. There are no storage, pressure boosting, rechlorination facilities, or other external structures within the Hamilton Township Stand-Alone Distribution System.

**List all water treatment chemicals used over this reporting period**

Sodium Hypochlorite (for repairs)

**Were any significant expenses incurred to?**

- Install required equipment
- Repair required equipment
- Replace required equipment

**Please provide a brief description and a breakdown of monetary expenses incurred**

PROJECT	ESTIMATED COST
June St./Catherine St. cement relining	\$360,000.00
Hydrant replacement – 12 Oliver’s Lane	\$15,000.00

Provide details on the notices submitted in accordance with subsection 18 (1) of the Safe Drinking Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
27-Oct-22	Observation of Improperly disinfected water directed to water users	Leakage of water through curb stops into resident's homes	N/A	System was flushed and sampled for Total Coliform and E. Coli. All samples were negative	October 28 and October 29

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period

	Number of Samples	Range of E. Coli Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Distribution	52	0	0	52	0 - 2

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

Testing is conducted as it relates to the Cobourg Drinking Water System

Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

N/A – Refer to Cobourg DWS 2022 Annual Report

Summary of Inorganic parameters tested during this reporting period or the most recent sample results

N/A – Refer to Cobourg DWS 2022 Annual Report

Summary of lead testing under Schedule 15.1 during this reporting period

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Location Type	Number of Samples	Range of Lead Results (min#) – (max #)	Unit of Measure	Number of Exceedances
Plumbing	N/A - System was subject to the Plumbing Exemption only pH (6.90) & Alkalinity (81 mg/L) were sampled For Period 2			
Distribution	1	0.04	ug/L	0

**Summary of Organic parameters sampled during this reporting period or the most recent sample results**

N/A – Refer to Cobourg DWS 2022 Annual Report

**List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards**

N/A – Refer to Cobourg DWS 2022 Annual Report