



Feb 06, 2023

Mayor & Council

Re: Safe Drinking Water Act, O. Reg. 170/03 Schedule 22 Summary Report

Attached is the 2022 Summary Report for the Village of Point Edward Distribution System. This report has been completed based on the information obtained from the Village records and in accordance with Schedule 22 of O. Reg. 170/03, under the Safe Drinking Water Act, which requires a Summary Report to be prepared not later than March 31st of each year for the preceding calendar year. This report covers the period of January 1 to December 31, 2022.

Schedule 22-2 (a) specifies that the summary report is given to, in the case of a drinking water system owned by a municipality, the members of the municipal council for the Village of Point Edward and is not intended for distribution to the Ministry of the Environment, Conservation and Parks.

Section 12 of O. Reg. 170/03, requires the Summary Reports be made available for inspection by any member of the public during normal business hours, without charge. The reports should be made available for inspection at the office of the municipality, or at a location that is reasonably convenient to the users of the water system.

Sincerely,

Jason Verstraeten
Manager of Environmental Services
Village of Point Edward

cc. CAO Jim Burns



Annual Summary Report

Schedule 22

Village of Point Edward Distribution System

2022

Prepared for: The Corporation of the Village of Point Edward

**By: Jason Verstraeten
Manager of Environmental Services
Village of Point Edward**

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SECTION 1

Compliance with the Safe Drinking Water Act and Regulation 170/03

Compliance with the Municipal Drinking Water License & Drinking Water Works Permit

This report is a summary of water quality information for the Village of Point Edward Distribution System and published in accordance with Schedule 22 of Ontario's Safe Drinking Water Act, Ontario Regulation 170/03 for the reporting period of January 01, 2022, to December 31, 2022. The Village of Point Edward Distribution System is categorized as a Large Municipal Residential Drinking Water System.

The Village of Point Edward Distribution System was operated and maintained in such a manner that the water supplied to the consumers serviced by the system satisfied all the requirements in the Safe Drinking Water Act, the Regulations and the MDWL 036-101 and DWWP 036-201.

SECTION 2

Non-Compliance with the Safe Drinking Water Act, Regulation 170/03 and MDWL & DWWP

The Drinking Water System did have non-compliances in 2022 related to the detailed documentation of work done in the system.

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Notice of Resolution
Mar 04/22	disinfection	na	na	Part disinfection not documented.	New valve & hydrant replacement forms created and submitted to MOECP Sept. 16/22
May 13/22	flow until air gap	na	na	Additional training for operators on requirements and documentation and forms	Training records submitted to MOECP Oct 10/22
Mar 30/22	cl2 not documented	none	mg/l	Modified forms and additional training for operators	Training and forms submitted to MOECP Oct. 10/22
Feb 22/22 Mar 03/22	pipe material	na	na	Modified forms and additional training for operators	Training and forms submitted to MOECP Oct 10/22

SECTION 3

Summary and discussion of quantity of water supplied

In accordance with Schedule 22-2 (3) *“the report must also include the following information for the purpose of enabling the owner of the system to assess the capability of the system to meet existing and planned uses of the system.”*

- 1. A summary of the quantities and flow rates of the water supplied during the period covered by the report, including monthly average daily flows and monthly total flows.*
- 2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rates approved in the system’s approval must be discussed.*

Attached is Appendix A, are the average daily volumes (m³) and Monthly Total flows. Annual monthly average and comparison from prior year with percentage change up or down.

The quantity of water supplied during the reporting period did not exceed the rated capacity of this facility. As can be seen in the Lambton Area Water Supply System Annual Summary Report the capacity of the plant supplying water to Point Edward is below 50 % of the rated capacity. A copy of this report is posted on the Village of Point Edward website.

Appendix A

Village of Point Edward Distribution System Annual Volume Record for 2022

Month	Average Daily Volume (m ³)	Total Monthly Flow (m ³)
January	760	23569
February	1174	32876
March	949	29422
April	827	24809
May	714	22142
June	829	24879
July	976	30271
August	879	27241
September	698	20943
October	559	17342
November	466	13989
December	448	13898

Annual Monthly Totals – m³/month
 Daily Average volume – m³/day

2022 Total Annual Usage – 281,383 m³

2021 Total Annual Usage – 308,206 m³

Decrease 26,823 m³ (9 % decrease)

Note: Village of Point Edward is not required to give Maximum Daily Flows as the system does not have the equipment required to provide this data. The MOECP has given written regulatory relief from this requirement. (MDWL Schedule D 2.1 page 13)