



February 11, 2021

Mayor & Council

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

Attached is the 2020 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, 2020.

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

2020

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 1, 2020 to December 31, 2020. 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

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Notice of Resolution
2020/08/26 15:16 AWQI 151585	Total Coliform	1	cfu /100ml	Resample & Test Upstream, downstream & at AWQI location X2 samples each location Samples clear	AWQI Date of resolution: 2020/08/31 Date Resolution Notice Provided 2020/09/01

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 60% 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 2020

Month	Average Daily Volume (m ³)	Total Monthly Flow (m ³)
January	888	27,526
February	808	23,425
March	745	23,101
April	616	18,471
May	768	23,805
June	1,126	33,792
July	1,365	42,303
August	1,332	41,292
September	1,088	32,632
October	865	26,802
November	728	21,828
December	680	21,077

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

2020 Total Annual Usage – 336,055m³

2019 Total Annual Usage – 427,456m³

Decrease 90,401m³ (21.4% 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)