



February 06, 2017

Mayor & Council

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

Attached is the 2016 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, 2016.

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.

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

2016

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, 2016 to December 31, 2016. 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
NONE					

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 in 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 2016

Month	Average Daily Volume (m ³)	Total Monthly Flow (m ³)
January	1,037	32,143
February	1,027	29,789
March	929	28,796
April	960	28,791
May	1,233	38,229
June	1,425	42,737
July	1,476	45,754
August	1,754	54,389
September	1,279	38,362
October	1,079	33,458
November	941	28,238
December	877	27,195

Annual Monthly Average – 35,657m³/month

2016 Total Annual Usage – 427,881 m³

2015 Total Annual Usage – 379,653 m³

Increase 48,228 m³ (13% increase)

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 MOECC has given written regulatory relief from this requirement. (MDWL Schedule D 2.1 page 13)