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Date March 2, 2021 **Report No.** 2021-160

To Mayor and Members of City Council

From Inderjit Hans P. Eng., PMP
General Manager, Public Works Commission

1.0 Type of Report

Consent Item [X]
Item For Consideration []

2.0 Topic 2020 Annual Summary Report for the City of
Brantford Water System [Financial Impact - None]

3.0 Recommendation

- A. THAT Report No. 2021-160 titled "2020 Annual Summary Report for the City of Brantford Water System" BE RECEIVED.

4.0 Executive Summary

The City of Brantford is committed to providing our customers with a safe and adequate supply of drinking water that either meets or surpasses applicable regulations and legislation in the Province of Ontario. The information in the Annual Summary Report is intended to inform members of Council and the public about the current state of the Drinking Water System and demonstrate that high quality drinking water is continually supplied to consumers.

The Report shows that the City met the drinking water regulatory requirements outlined in the Safe Drinking Water Act (2002) and Ontario Regulation 170/03 and that the drinking water supplied was safe and clean. The City received

100% score in the annual inspection by the Ministry of Environment, Conservation and Parks (MECP).

The 2020 Annual Summary Report (Appendix 1) outlines the performance of the City of Brantford Water System (including Treatment Plant & Distribution System) for the calendar year. This report also summarizes the Water Operating Budget Performance and provides a summary of revenues, expenditures and funds transferred to the reserves for 2020.

In accordance with Schedule 22 of Ontario Regulation 170/03 under the Safe Drinking Water Act, the City is required to inform Council of the status of drinking water compliance by March 31 of every year. It is recommended that the 2020 Annual Summary Report for the City of Brantford Water System, as prepared by the staff be received.

5.0 Purpose and Overview

To inform Council about the operation and performance of the municipal water treatment and distribution system as required by Schedule 22 of Ontario Regulation 170/03 under the Safe Drinking Water Act. The 2020 performance is outlined in the attached report titled, "The City of Brantford Water System - 2020 Annual Summary Report".

The Report shows that the City met the drinking water regulatory requirements outlined in the Safe Drinking Water Act (2002) and Ontario Regulation 170/03 and that the drinking water supplied was safe and clean. The City received 100% score in the annual inspection by the Ministry of Environment, Conservation and Parks (MECP).

6.0 Background

Schedule 22 of Ontario Regulation 170/03 under the Safe Drinking Water Act requires that a Drinking Water Annual Summary Report be prepared and submitted to the members of municipal Council by March 31st of each year relating to the operation and performance of the municipal drinking water system for the preceding calendar year. The report must list any non-compliance issues, which occurred in the previous year related to the drinking water regulation, drinking water works permit, municipal drinking water license and any orders applicable to the system. The report must also specify the duration of failure(s) and measures taken to correct the issue(s). Other information that must be featured in the report includes the quantity of water supplied for the purpose of enabling the owner of the system to assess the capability of the system to meet

existing and future uses of the system. The regulation requires that a copy of the report be provided to the County of Brant, which is a municipality that receives water from the City.

7.0 Corporate Policy Context

Not Applicable

8.0 Input From Other Sources

Not Applicable

9.0 Analysis

The 2020 Annual Summary Report (Appendix 1) outlines the performance of the City of Brantford Water System (including Treatment Plant & Distribution System) for the calendar year.

Specifically, the report outlines:

- Background and Description of Drinking Water System
- List of Water Treatment Chemicals Used
- Major Expenses Related to Drinking Water Quality
- Summary of Reporting Adverse Test Results and Other Problems (Schedule 16)
- Holmedale Water Treatment Plant Flows
- Summary of Test Results Required Under On.Reg. 170/03
- MECP Annual Inspection Summary: 100% final inspection rating achieved during the unannounced, detailed inspection, which occurred November 19th, 2020.

Copies of this report will be available for the public at City Hall. This report will also be posted on the City website. A copy of the report will be provided to the County of Brant by March 31, 2021.

MECP Inspection Results

On January 12, 2021, after an extensive review of the Drinking Water System, the MECP issued a score of 100% for the 2020 Brantford Drinking Water System Annual Inspection.

The following table from the annual MECP inspection report shows the rating for each inspection module:

Table 1: Inspection Summary Rating Record

Inspection Module	Non-Compliance Rating
Source	0/0
Permit To Take Water	0/12
Capacity Assessment	0/38
Treatment Processes	0/97
Process Wastewater	0/20
Distribution System	0/8
Operations Manuals	0/42
Logbooks	0/30
Certification and Training	0/50
Water Quality Monitoring	0/128
Reporting & Corrective Actions	0/92
Treatment Process Monitoring	0/141
Total	0/658

Inspection Risk Rating	0.00%
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FINAL INSPECTION RATING	100.00%
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10.0 Financial Implications

Not Applicable

11.0 Conclusion

In accordance with Schedule 22 of Ontario Regulation 170/03 under the Safe Drinking Water Act, it is recommended that the 2020 Annual Summary Report for the City of Brantford Water System, as prepared by the Environmental Services Department be received.



Inderjit Hans P.Eng., PMP
General Manager, Public Works Commission

Prepared By:

Selvi Kongara, Director, Environmental Services

Attachment:

Appendix 1 - City of Brantford Water System - 2020 Annual Summary Report

Copy to:

Alex Davidson, P.Eng., County of Brant

In adopting this report, is a by-law or agreement required? If so, it should be referenced in the recommendation section.

By-law required ☐ yes ☒ no

Agreement(s) or other documents to be signed by Mayor and/or City Clerk ☐ yes ☒ no

Is the necessary by-law or agreement being sent concurrently to Council? ☐ yes ☒ no