

<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON FEBRUARY 21, 2018</b>
<b>FROM:</b>	<b>KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL AND ENGINEERING SERVICES AND CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>2017 DRINKING WATER ANNUAL REPORT AND SUMMARY REPORT FOR THE CITY OF LONDON DISTRIBUTION SYSTEM</b>

**RECOMMENDATION**

That, on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, the 2017 Drinking Water Annual Report and Summary Report for the City of London Distribution System **BE RECEIVED** for information.

**PREVIOUS REPORTS PERTINENT TO THIS MATTER**

- [“2016 Drinking Water Annual Report and Summary Report for the City of London Distribution System”](#) presented to CWC on February 7, 2017. Agenda Item #9;

**2015 – 2019 STRATEGIC PLAN**

The 2015 – 2019 Strategic Plan identifies this objective under *Strengthening Our Community: 5(J) – Help Londoners understand how we provide safe drinking water.*

**BACKGROUND**

**Purpose**

The purpose of this report is to ensure compliance to the Ministry of the Environment and Climate Change regulatory requirements for London’s Drinking Water System. Providing this report to Municipal Council’s Civic Works Committee on February 21, 2018, fulfills that requirement.

**Context**

The Ministry of the Environment and Climate Change’s Safe Drinking Water Act (2002), Ontario Regulation 170/03 (Drinking Water Systems) requires that municipalities prepare an *Annual Report* on the operation of their drinking water system for the preceding calendar year and submit it to the members of the Municipal Council by February 28 of each year.

Additionally, Ontario Regulation 170/03 (Drinking Water Systems) requires that municipalities prepare a *Summary Report* for their drinking water system for the preceding calendar year and submit it to the members of the Municipal Council by March 31 of each year.

Before February 28, 2018, a copy of the 2017 Annual Report and Summary Report for the City of London’s Drinking Water System will be provided to the local office of the Ministry of the Environment and Climate Change (MOECC), as a courtesy for information purposes.

## DISCUSSION

Ontario Regulation 170/03 (Drinking Water Systems) requires the owner of a municipal drinking water system to ensure that an Annual Report and a Summary Report be prepared, covering the period of January 1 through to December 31 of the previous year.

The Annual Report is to contain:

- A brief description of the drinking water system, including a list of water treatment chemicals used by the system;
- A summary of the results of required tests;
- A summary of any adverse test results reported and corrective actions taken; and
- A description of any major expenses incurred to install, repair or replace required equipment.

O. Reg. 170/03 further stipulates that:

- a) The Owner shall ensure that a copy of the Annual Report is given, without charge, to every person who requests a copy;
- b) Effective steps are to be taken to advise users of water from the system that copies of the Annual Report are available, without charge, and of how a copy may be obtained;
- c) The Owner of a large municipal residential system serving more than 10,000 people is required to post a copy of the Annual Report to the municipality's website; and,
- d) A Summary Report is to be prepared and presented to the members of the Municipal Council by no later than March 31 of the following year.

The Summary Report is to contain:

- A list of any regulatory requirements applicable to the system that were not met at any time during the period covered by the report, the duration of the failure, and the measures that were taken to correct the failure; and,
- A summary of the quantities and flow rates of the water supplied during the period covered by the report, including monthly average and maximum daily flows, compared to the rated capacity of the system.

Due to the large number of pages, the 2017 Drinking Water Summary Report for the City of London Distribution System has been provided to members of Council in electronic format, with the 2017 Annual Report attached as an appendix. The Summary Report (without appendices) is attached as Appendix 'A' to this report.

The Elgin-Middlesex Pumping Station (EMPS) is jointly owned by the City of St. Thomas, the Town of Aylmer, and the City of London, and is operated by the Ontario Clean Water Agency (OCWA). The Annual Report for the EMPS (London portion) was not yet available at the time of writing this report. Therefore, it will be provided to members of Council under separate memo prior to the reporting deadline of February 28, 2018.

## SUMMARY

Receipt of Appendix 'A' of this report by members of Council fulfils the reporting requirements of O. Reg. 170/03, Schedule 22. The 2017 Drinking Water Summary Report is available to members of the public through the Water Engineering Division (8<sup>th</sup> Floor, City Hall), and will be posted on the City's website.

## Acknowledgements

This report has been prepared with input from Scott Koshowski, P. Eng. - Environmental Services Engineer, and Dan Huggins - Water Quality Manager, both in Water Operations Division.

<b>PREPARED BY:</b>	<b>REVIEWED &amp; CONCURRED BY:</b>
<b>JOHN SIMON, P.ENG. DIVISION MANAGER, WATER OPERATIONS</b>	<b>SCOTT MATHERS, P.ENG. DIRECTOR – WATER &amp; WASTEWATER</b>
<b>RECOMMENDED BY:</b>	
<b>KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR OF ENVIRONMENTAL &amp; ENGINEERING SERVICES AND CITY ENGINEER</b>	

Appendix 'A' – City of London 2017 Drinking Water Summary Report

- c.c. Cathy Saunders - City Clerk  
John Simon – Division Manager – Water Operations  
Aaron Rozentals - Division Manager – Water Engineering  
Andrew Henry – Director – Regional Water Supply  
Dan Huggins - Water Quality Manager  
Dr. Christopher Mackie, Medical Officer of Health and Chief Executive Officer –  
Middlesex-London Health Unit