

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON FEBRUARY 7, 2017
FROM:	JOHN LUCAS, P.ENG. DIRECTOR – WATER & WASTEWATER
SUBJECT:	2016 DRINKING WATER ANNUAL REPORT AND SUMMARY REPORT FOR THE CITY OF LONDON DISTRIBUTION SYSTEM

RECOMMENDATION

That, on the recommendation of the Director, Water & Wastewater, the 2016 Drinking Water Annual Report and Summary Report for the City of London Distribution System **BE RECEIVED** for information.

PREVIOUS REPORTS PERTINENT TO THIS MATTER

- [“2015 Drinking Water Annual Report and Summary Report for the City of London Distribution System”](#) presented to CWC on February 2, 2016. Agenda Item #6;

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

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 shall 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 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 and compared to the rated capacity of the system.

Due to the large number of pages, the 2016 Drinking Water Summary Report for the City of London Distribution System has been provided to members of Council in electronic format, with the 2016 Drinking Water Annual Report appended to it. The Summary Report (without its appendices) is included herein (Appendix 'A').

The Elgin-Middlesex Pumping Station (EMPS) is jointly owned by the St. Thomas Area Secondary Water Supply System, the Aylmer Area Secondary Water Supply System, and the City of London. It is operated by the Ontario Clean Water Agency (OCWA) through a contracted operating agreement. 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, 2017.

SUMMARY

Receipt of Appendix 'A' of this report by Municipal Council fulfils the reporting requirements of O. Reg. 170/03, Schedule 22. The 2016 Drinking Water Summary Report is available to members of the public through the Water Engineering Division (8th 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.

PREPARED BY:	RECOMMENDED BY:
JOHN SIMON, P.ENG. DIVISION MANAGER, WATER OPERATIONS	JOHN LUCAS, P.ENG. DIRECTOR – WATER & WASTEWATER
CONCURRED BY:	
KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR OF ENVIRONMENTAL AND ENGINEERING SERVICES AND CITY ENGINEER	

Appendix 'A' – City of London 2016 Drinking Water Summary Report

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

APPENDIX 'A'