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<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON NOVEMBER 25, 2013</b>
<b>FROM:</b>	<b>JOHN LUCAS, P.ENG. DIRECTOR - WATER AND WASTEWATER</b>
<b>SUBJECT:</b>	<b>ENDORSEMENT OF NEW OPERATIONAL PLAN FOR THE ELGIN- MIDDLESEX PUMPING STATION (LONDON PORTION)</b>

### RECOMMENDATION

That, on the recommendation of the Director - Water and Wastewater, the Operational Plan for the London-owned portion of the Elgin-Middlesex Pumping Station **BE ENDORSED** as per the requirements of O. Reg. 188/07.

### PREVIOUS REPORTS PERTINENT TO THIS MATTER

[Endorsement of Operational Plan for the Elgin-Middlesex Pumping Station, Dec 8, 2008, Environment and Transportation Committee, Agenda Item #3](#)

[Services Agreement between Partner Municipalities and the Ontario Clean Water Agency for Contracted Operations at the Elgin-Middlesex Pumping Station, June 19, 2012, Civic Works Committee, Agenda Item #5](#)

### BACKGROUND

**Note:** Copies of the Operational Plan will be hand delivered to Councillors.

On Jan 1, 2009, the Ontario Ministry of the Environment (MOE) began implementing a new Municipal Drinking Water Licensing Program. A requirement of this program was that municipalities develop Quality Management Systems (QMSs) that conformed to the new Drinking-Water Quality Management Standard (DWQMS). A QMS must be documented in an Operational Plan, which must be endorsed by the owner of the water system. The Operational Plan that accompanies this report pertains to the operation of the London-owned portion of the Elgin-Middlesex Pumping Station.

The Operational Plan for the City of London Water system has previously been submitted to Council for endorsement, as one of the elements required for a Municipal Drinking-Water Licence. However, the London-owned portion of the Elgin-Middlesex Pumping Station and reservoir (EMPS) is not operated by City of London staff, and is therefore not included in that plan.

The EMPS facility is located approximately 10 km south of London. The EMPS pumping station and reservoir are co-owned by the City of London, the City of St. Thomas and the Town of Aylmer. Within the facility, the City of London owns three pumps and a surge tank which comprise a "London Pumping Station" that supplies London with water from the Elgin Area Primary Water Supply System. American Water Canada Corp. was the contracted Operating Authority for this station when the new licensing program came into effect. As such, they developed a Quality Management System and documented that QMS in an Operational Plan which was endorsed by the Corporation of the City of London (the Owner) in December, 2008.

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On July 1, 2012, the Ontario Clean Water Agency (OCWA) became the new contracted operating authority for the EMPS. As part of the accreditation process, OCWA developed the accompanying Operation Plan for the Elgin-Middlesex Pumping Station (London Portion). City of London staff worked with OCWA to review and refine this Operational Plan. On November 4, 2013 an On-site Verification Audit by third-party auditors SAI Global Assurance Services found the Operational Plan to be established and maintained according to the DWQMS standard.

As per the requirements of O. Reg. 188/07 the Operational Plan must be endorsed by the Owner of the London Water System, the Corporation of the City of London.

<b>SUMMARY</b>
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The Ontario Clean Water Agency (OCWA) is the contracted operating authority for the Elgin-Middlesex Pumping Station (London Portion). As part of the accreditation process, OCWA developed the accompanying Operation Plan for the Elgin-Middlesex Pumping Station (London Portion). This plan has been reviewed by City of London staff, and has been audited by SAI Global Assurance Services, one of two accreditation bodies for operating authorities of Ontario municipal drinking water systems.

As per the requirements of O. Reg. 188/07 the Operational Plan must now be endorsed by the Owner of the London Water System, the Corporation of the City of London.

<b>PREPARED BY</b>	<b>RECOMMENDED BY:</b>
<b>JOHN SIMON, P.ENG.</b> DIVISION MANAGER, WATER OPERATIONS	<b>JOHN LUCAS, P.ENG.</b> DIRECTOR - WATER AND WASTEWATER
<b>REVIEWED &amp; CONCURRED BY:</b>	
<b>JOHN BRAAM, P.ENG.</b> MANAGING DIRECTOR OF ENVIRONMENTAL AND ENGINEERING SERVICES AND CITY ENGINEER	

CC:

- Art Zuidema – City Manager
- Roland Welker – Division Manager – Water Engineering
- Dan Huggins - Water Quality Manager