

<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING TUESDAY, MAY 9, 2017</b>
<b>FROM:</b>	<b>KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>SINGLE SOURCE FOR PUMP REPLACEMENT AT THE WONDERLAND PUMPING STATION</b>

<b>RECOMMENDATION</b>
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That, on the recommendation of the Managing Director – Environmental and Engineering Services & City Engineer, the following actions **BE TAKEN** with respect to the purchase of a replacement pump for the Wonderland Pumping Station (PS):

- a) The quotation submitted by Xylem Inc. at its price of \$85,320.50, including freight but excluding HST, for one replacement pump for use at the Wonderland Pumping Station **BE ACCEPTED**, it being noted that this is a single source purchase in accordance with Section 14.4 (d) of the City of London’s Procurement of Goods and Services Policy;
- b) the financing for the project **BE APPROVED** in accordance with the “Sources of Financing Report” attached hereto as Appendix “A”;
- c) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project;
- d) the approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract; and,
- e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

<b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b>
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- Single Source for Pump Replacement at the Wonderland Pumping Station, CWC Tuesday November 3, 2015.

<b>BACKGROUND</b>
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**Purpose:**

To seek Council Approval to purchase one replacement pump for use at the Wonderland Pumping Station.

**Background:**

The Wonderland Pumping Station is a key piece of the City’s sanitary servicing infrastructure. It is the largest wastewater pumping station in the City, responsible for conveying wastewater from a significant portion of south London to the Greenway Wastewater Treatment Plant.

Pumps at the Wonderland station are prone to excessive wear due to the amount of grit in the wastewater. One of these pumps suffered a catastrophic failure and has been replaced by a previously purchased “shelf spare”.

These are large pumps that must be removed with a crane and taken offsite for repairs.

A spare pump allows staff to remove one pump for rebuilding and replace it with the spare, thus maintaining station capacity while the repairs are completed. It is also more efficient as the exchange can be completed while staff and equipment are on site and prevents a return trip to reinstall the repaired pump; the repaired pump will then become the spare.

**Justification for Single Source**

The pumps installed at Wonderland PS are required to operate in parallel, meaning multiple pumps will operate at the same time pumping to a common forcemain. Installing identical pumps from the same manufacturer ensures ease of installation and consistent operation within the recommended range of the pumps. Therefore, purchasing this additional pump from Xylem is a Single Source purchase as identified in section 14.4 (d) of the City’s Procurement of Goods and Services Policy: “There is a need for compatibility with goods and/or services previously acquired...”.

Xylem supplied the original pumps through a competitive pre-purchase process in 2007. In comparison to the pumps purchased in 2015, purchase cost has escalated roughly 3% per year.

**Financial Impact**

Funding for this purchase has been allocated within capital accounts for pumping station upgrades.

**Acknowledgements**

This report was prepared by Kirby Oudekerk, Wastewater Treatment Operations.

<b>PREPARED BY:</b>	<b>REVIEWED &amp; CONCURRED BY:</b>
<b>GEORDIE GAULD DIVISION MANAGER WASTEWATER TREATMENT OPERATIONS</b>	<b>JOHN LUCAS, P.ENG. DIRECTOR - WATER AND WASTEWATER</b>
<b>RECOMMENDED BY:</b>	
<b>KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR ENVIRONMENTAL &amp; ENGINEERING SERVICES AND CITY ENGINEER</b>	

cc: John Freeman, Manager of Purchasing and Supply