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<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON JULY 20 2015</b>
<b>FROM:</b>	<b>JOHN BRAAM, P. ENG. MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>SEWER FLOW MONITORING SERVICES TO SUPPORT INFOWORKS MODELLING</b>

<b>RECOMMENDATION</b>
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That, on the recommendation of the Managing Director, Environmental & Engineering Services & City Engineer, the following actions **BE TAKEN** with respect to sewer flow monitoring services:

- a) The proposal submitted by AMG Environmental Inc. (AMG), at its proposal amount of \$166,475.00, excluding HST, for sewer flow monitoring services **BE ACCEPTED** in accordance with Section 12 of the City of London's Procurement of Goods and Services Policy; it being noted that the proposal submitted by AMG represents the best value out of four (4) proposals received and meets the City's specifications and requirements in all areas;
- b) the financing for this project **BE APPROVED** as set out in 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 approval given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract or issuing a purchasing order for the services to be supplied; 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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"Pollution Prevention and Control Plan Infoworks modelling Assignments Additional Flow Monitoring", Civic Works Committee, March 3 2015.

"Pollution Prevention and Control Plan Infoworks Modelling Consultant Appointment", Civic Works Committee, August 25 2014.

"Pollution Prevention and Control Plan Consultant Appointment Continuation ES2464-11", Civic Works Committee, February 3 2014.

"Consultant Appointment Pollution Prevention and Control Plan Project ES5419", Civic Works Committee, May 14 2012.

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

The purpose of this report is to recommend a provider of flow monitoring services to provide sewer flow monitoring equipment and data recording for 49 locations over a period of two to three months to support upcoming Infoworks sewer modelling assignments.

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**Discussion:**

London is currently in the process of completing a Pollution Prevention Control Plan (PPCP), which is a three phased, multi-year master plan project, designed to provide a long term solution for sanitary sewer conveyance system overflows and bypasses. It is an effort to meet system wide conformance with Ministry of Environment and Climate Change (MOECC) Procedure F-5-5 and to mitigate impacts on the Thames River.

Phase II of the PPCP is currently underway. The scope of Phase II includes 12 hydraulic sewer modelling and flow monitoring assignments to characterize all sewer system overflows. In August 2014, the City of London awarded six initial sanitary hydraulic modelling assignments to six different consultants. These six assignments were anticipated to be completed this past winter; however, due to a lack of rainfall data collected in fall 2014, additional flow monitoring was completed in April and May of 2015.

The remaining six assignments are anticipated to be awarded in the fall of 2015. Advancing these flow monitoring services, which include the following; installation, field verification and calibration, data recording and sharing, equipment maintenance and eventual removal at these 49 locations now will ensure that all required flow monitoring locations are recording data beginning September 1, 2015. In the fall of 2014 our best rainfall event, for sanitary sewer flow monitoring purposes, occurred on September 10<sup>th</sup>.

In accordance Section 12 of the City of London's Procurement of Goods and Services Policy, a Request for Proposal for Flow Metering Equipment (RFP 15-25) on Friday May 29, 2015. Staff received four (4) proposals. Following evaluation of all proposals, it was deemed that the proposal submitted by AMG Environmental Inc. with a proposed price of \$166,475, excluding HST, represented the best financial and technical value to the City. It is recommended that the City proceed with the proposal award to AMG Environmental Inc.

<b>PREPARED BY:</b>	<b>SUBMITTED BY:</b>
<b>TOM COPELAND, P. ENG. DIVISION MANAGER, WASTEWATER &amp; DRAINAGE ENGINEERING</b>	<b>JOHN LUCAS, P. ENG. DIRECTOR, WATER AND WASTEWATER</b>
<b>RECOMMENDED BY:</b>	
<b>JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>	

July 9, 2015