

<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MAY 24, 2016</b>
<b>FROM:</b>	<b>JOHN BRAAM, P. Eng. MANAGING DIRECTOR ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>WATERMAIN CLEANING AND RELINING RENEWAL</b>

### RECOMMENDATION

That, on the recommendation of the Managing Director, Environmental & Engineering Services & City Engineer, the following actions **BE TAKEN** with respect to the 2016 Watermain Cleaning and Lining program:

- (a) the extension of the renewable contract with Fer-Pal Construction Limited, **BE APPROVED** at a valued of \$5,263,357.31, excluding HST;
- (b) the contract **BE INCREASED** by \$472,000 excluding HST; to complete additional work in accordance with the Procurement of Goods and Services Policy Clause 20.3;
- (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 Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations;

it **BEING NOTED** that this is the last year of a three year renewable contract, where the City has the sole discretion to renew the contract based on price and performance, and the additional work is to achieve acceptable fire flow at a critical location.

### PREVIOUS REPORTS PERTINENT TO THIS MATTER

*2014 Watermain Cleaning & Structural Lining Program, Civic Works Committee, March 3, 2014, Agenda Item #3*  
<http://sire.london.ca/agdocs.aspx?doctype=agenda&itemid=25611>

### BACKGROUND

The City of London has been rehabilitating watermains since 1989 using innovative trenchless technologies, which more recently include structural lining. This method allows the City to improve fire flows, eliminate water quality problems (red water), gain additional years of life from the watermain and delay the need for full replacement reconstruction projects which are more expensive and socially disruptive. The rehabilitation option continues to save ratepayers about \$4 million per year as compared to replacement. The fire flows and water quality in these rehabilitated watermains are dramatically improved following relining. A number of streets are scheduled for watermain renew this year.



**Acknowledgements:**

This report was prepared within the Water Engineering Division with assistance from Dave Chromczak, C.E.T.

<b>PREPARED BY:</b>	<b>REVIEWED &amp; CONCURRED BY:</b>
<b>ROLAND WELKER, P. ENG. DIVISION MANAGER WATER 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>	

May 16, 2016

Attach: Appendix "A" – Sources of Financing

cc: Ugo DeCandido  
John Freeman  
Pat Shack  
Fer-Pal Construction Limited