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<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON SEPTEMBER 22, 2014</b>
<b>FROM:</b>	<b>JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES AND CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>APPOINTMENT OF CONSULTING ENGINEER FOR THE DETAILED DESIGN OF WICKERSON NO. S-B SWM FACILITY</b>

<b>RECOMMENDATION</b>
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That, on the recommendation of the Managing Director Environmental & Engineering Services and City Engineer, the following action **BE TAKEN** with respect to the appointment of a consulting engineer for the detailed design of Wickerson No. S-B SWM Facility:

- (a) AECOM Canada Ltd. **BE APPOINTED** Consulting Engineer to carry out the detailed design for said project in the amount of \$135,553.00 including contingency, excluding HST, in accordance with Section 15.2(g) of the Procurement of Goods and Services Policy;
- (b) the financing for this work **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 work;
- (d) the approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract with the consultant for the work; 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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July 22, 2013 – Report to Civic Works Committee – “Appointment of Consulting Engineer for the Functional Design for the Wickerson No. S-B SWM Facility (ESSWM-SB)”

October 15, 2012 - Report to Planning and Environment Committee – 2009 Development Charges Background Study Amendments

November 28, 2011 - Report to Built and Natural Environment Committee – “Development and Economic Plans in the Boler Mountain Area”

October 17, 2011 - Report to Built and Natural Environment Committee – “Growth Management Implementation Strategy -2012 Annual Review and Update”

April 11, 2011 - Report to Built and Natural Environment Committee – “Application by: Kape Developments Limited - 2280 Wickerson Road”

June 1, 2009 – Report to Planning Committee – “Application by: Mike Meddaoui 2332 Wickerson Road”

May 13, 2009; Report to Board of Control – “2009 Development Charges – Adoption of DC Policies, Background Study and Rate By-law”

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**BACKGROUND**

**Purpose**

The purpose of this report is to recommend the appointment of AECOM Canada Ltd. to carry out the detailed design of Wickerson No. S-B SWM Facility.

**Context**

In 2002 and 2009, Council approved Draft Plans 39T-08507 (Meddaoui) and 39T-00519 (Kape Developments Limited). The draft plan approvals were contingent on the provision of servicing options for sanitary, storm/drainage and Stormwater Management (SWM) servicing for the subject lands.

In 2008, the City's Zoning Amendment and Draft Plan approvals for Meddaoui subdivision was appealed to the Ontario Municipal Board (OMB) by Peter Gillespie, the landowner of 1500 Southdale Road West. The appeal was dismissed by the OMB.

In 2009, a Schedule "C" Municipal Class Environmental Assessment for the storm/drainage and SWM servicing works of the Wickerson Development Area was accepted by Council. The Environmental Study Report identified that the Wickerson No. S-B SWM Facility would be constructed to provide water quality, water quantity and erosion control for a total drainage area of approximately 33 hectares of lands which are currently being proposed for development (location map is shown in Appendix B). The Kape and Meddaoui lands will be serviced by this proposed Wickerson No. S-B SWM Facility.

The City, as the Delegated Approval Authority under the Planning Act, included a provision in the Draft Plan Notice of Decision for both draft plans that the proposed development(s) landowner(s) must seek a permanent/ultimate storm/drainage and SWM servicing works solution as identified in the Class EA study for storm/drainage and SWM servicing works for the Wickerson Road Development Area.

In 2012, Kape Developments Limited informed the City that they have successfully negotiated the land purchase of Wickerson No. S-B SWM Facility that is located outside of the City's 20 Year Growth Boundary.

In 2013 Council appointed AECOM Canada Ltd. as consulting engineer for the functional design of Wickerson No. S-B SWM Facility. AECOM Canada Ltd. completed the functional design of the SWM facility to the satisfaction of City staff, in addition to preparing applications to the MOE and UTRCA for approval of the facility, in August 2014.

**DISCUSSION**

In order to proceed with detailed design of the proposed Wickerson No. S-B SWM Facility, AECOM Canada Ltd. is recommended based on their satisfactory completion of the Wickerson No. S-B SWM Facility functional design and the ensuing nature of the detailed design of said project. This approach is consistent with section 15.2(g) of the Procurement of Goods and Services Policy.

AECOM Canada Ltd. has an experienced project team that has a clear understanding of the project scope and has proven experience with the functional design of Wickerson No. S-B SWM Facility and similar projects of this nature. In accordance with Section 15.2(g) of the Procurement of Goods and Services Policy, Civic Administration is recommending that AECOM Canada Ltd. be authorized to carry out the detailed design of this project for a fee estimate of \$135,553.00 including contingency, excluding HST.

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<b>CONCLUSION</b>
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AECOM Canada Ltd. has demonstrated an understanding of City requirements and knowledge of this project. Therefore, it is recommended AECOM be appointed as the consulting engineer to carry out the detailed design of Wickerson No. S-B SWM Facility in the amount of \$135,553.00 including contingency, excluding HST. It being noted that the functional design in the amount of \$170,254.00 was approved by Council in 2013, bringing the total estimated consulting fees for functional and detailed design to \$305,807.00 including contingency, excluding HST.

**Acknowledgements**

This report was prepared with the assistance of Mitchell Heighway, Stormwater Management Engineer in Training of the Stormwater Management Unit.

<b>PREPARED BY:</b>	<b>RECOMMENDED BY:</b>
<b>EDWARD SOLDO, P.ENG. DIRECTOR, ROADS AND TRANSPORTATION</b>	<b>JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>

September 17, 2014

Attach: Appendix "A" – Sources of Financing  
Appendix "B" – Location Map

Cc: John Freeman – Manager, Purchasing and Supply  
Pat Shack – Budget Analyst  
AECOM