

## APPENDIX 'C'

### UPPER THAMES RIVER CONSERVATION AUTHORITY

"Inspiring a Healthier Environment"



May 1, 2014

The Corporation of the City of London  
Environmental and Engineering Services  
300 Dufferin Avenue, 10<sup>th</sup> Floor  
London, Ontario  
N6A 4L9

**Attention: Edward Soldo – Director of Roads and Transportation**

Dear Mr. Soldo:

**Re: Mud Creek Subwatershed Study Update**

The Upper Thames River Conservation Authority (UTRCA) would like to thank you for the opportunity to discuss elements of the above-noted study in response to our letter of April 16, 2014. It is our understanding that staff intend to bring a report on the Mud Creek Subwatershed Study Update (MCSSU) to the Civic Works Committee on May 12. In anticipation of that meeting, and based on the discussion that we had in our meeting yesterday, the UTRCA provides the following comments for your consideration.

#### **Regulatory Flood Plain Mapping**

We can confirm that the UTRCA is actively working on a project to update our flood plain modeling. We have identified a number of priority areas in the Upper Thames watershed where we are focusing on updating hydrology and hydraulic modeling and with this updated information, we will be preparing revised Regulatory Flood Plain lines. We have agreed to make the Mud Creek subwatershed in London one of our top priority areas and we will use the updated technical information that has been obtained through the MCSSU as part of this process. We expect to have draft updated Regulatory Flood Plain mapping for Mud Creek by the end of the summer. We expect that more work will be needed to adopt the revised Regulatory Standard at that time but we are confident that the "best available" modeling and mapping created by the end of the summer will be sufficient to move forward with considering projects.

#### **Preferred Alternative**

We have been advised that the staff report will be bringing forward a recommendation to support "Alternative 1" from the Delcan MCSSU report. The UTRCA supports Alternative 1, noting that implementation of most aspects of this alternative will be subject to prior written approval from the UTRCA in accordance with Section 28 of the *Conservation Authorities Act*. Further, we anticipate that additional investigation will be undertaken through the completion of Municipal Class EA(s) which will assist with addressing outstanding issues that the UTRCA has identified with the proposed remediation and servicing works. We understand that staff will include recommendations in the report for Civic Works Committee that outline the necessary steps to be taken in advance of the implementation of Alternative 1.

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