

Inflow and Infiltration Pilot Project Update

**Development Services Committee
September 14, 2010**

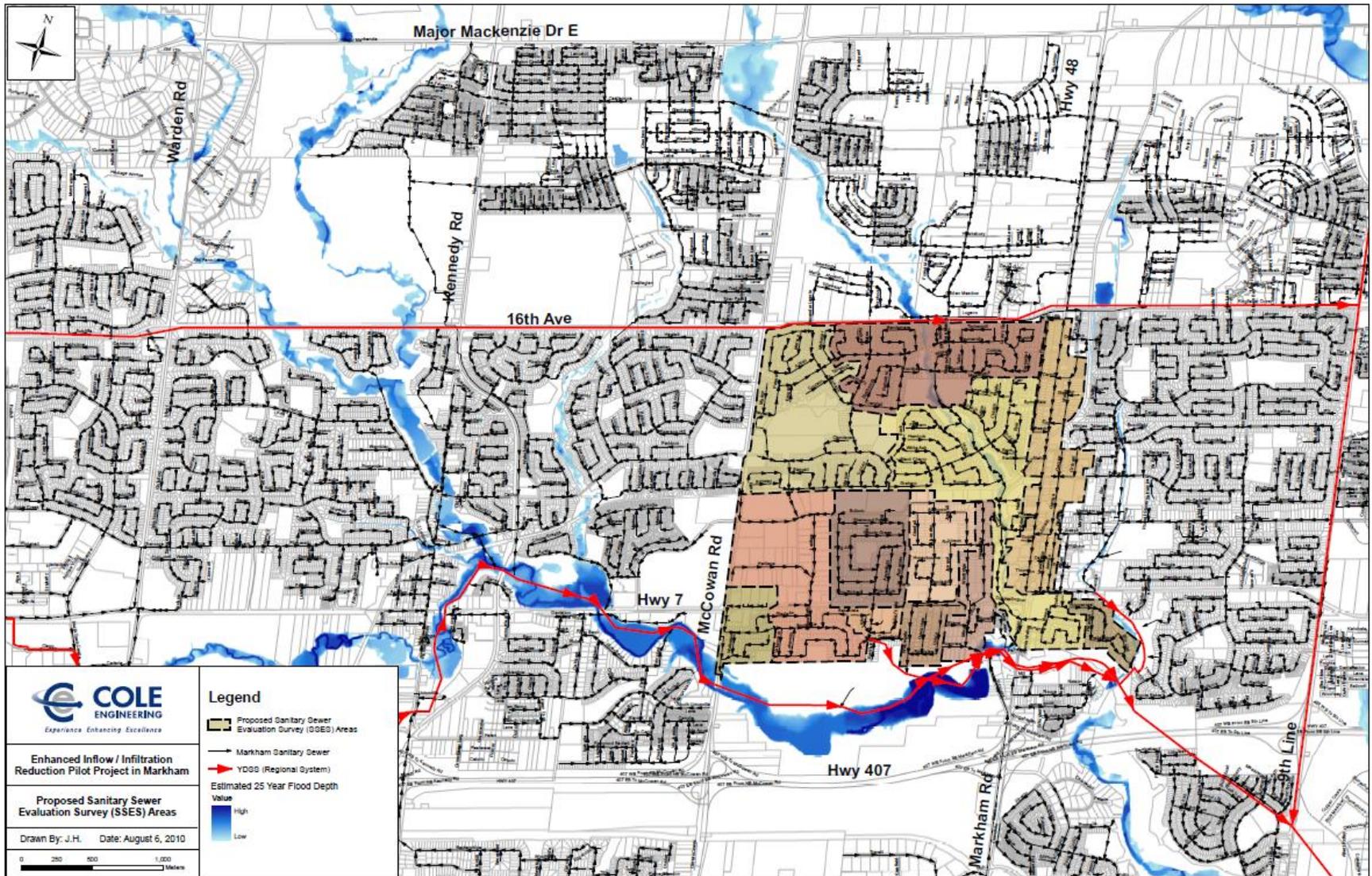
I/I Pilot Project

- Council at its meeting on June 22, 2010, endorsed the I/I Reduction Pilot Project to be completed by Upper Unionville (Beckett Farm).
- Pilot Project will
 - Monitor the flow in the existing sanitary sewers in areas approved by the Town,
 - Conduct tests in areas with high I/I,
 - Identify the I/I sources,
 - Provide recommendations and undertake the recommended works to reduce the I/I.

Pilot Project Principles

- Upper Unionville to:
 - Develop a work plan to be approved by the Region and the Town,
 - Monitor flow in the existing sanitary sewer in areas identified in the approved work plan,
 - Quantify the extent of the I/I in the system,
 - Develop an implementation plan and undertake the remediation work to reduce the I/I,
 - Enter into an agreement with the Region and the Town,
 - Assume full cost related to the Pilot Project,
 - Be assigned with servicing allocation equivalent to 50%-75% of flow reduction upon confirmation of the high I/I priority areas and a proposed remediation plan with supporting calculation to confirm such reduction,
 - Assume full risk if flow reduction cannot be achieved to obtain servicing allocation from the Region and the Town,
 - Indemnify the Region and the Town for all works related to the Pilot Project, and
 - Provide adequate liability insurance to the satisfaction of the Region and the Town.

Flow Monitoring Area



Communication Plan

- The Plan will
 - Keep local Councillors apprised of the project status and any tests being conducted in their wards,
 - Post pertinent information on a dedicated webpage and the Town's Portal when it goes live in December,
 - Provide door to door delivery of Public Notice by the Consultant to all affected homes prior to any testing,
 - Require the Consultant to coordinate with the residents on the day of tests being performed,
 - Advise the Fire, Police and Operations Departments by the Consultant prior to the smoke testing,
 - Provide the Consultant's contact information with cell phone number for residents to call if questions arise,
 - Provide pertinent information to Contact Centre to direct inquiries, and
 - Require the Consultant to provide full time support on site during the testing process and when field works are being performed.

Regional Approval

- Region has issued their draft principles
- Tri-party Agreement with the Region, Town and Upper Unionville
- Region staff will report to Regional Council in September for approval of the Pilot Project and execution of the Tri-party Agreement

Next Steps

- Continuous Monitoring for the duration of the project
- Testing will be completed for the area identified with high I/I over next few months
- Identify I/I Sources
- Establish recommendations on remediation works to reduce I/I
- Develop Implementation Plan and undertake the remediation works
- Finalize the Project Schedule
- Report back to DSC with ongoing status