

Environmental Assessment Study

NEWSLETTER (OCTOBER 2018)

WATERMAIN ON MCVEAN DRIVE - CASTLEMORE ROAD TO COUNTRYSIDE DRIVE

Study Background

The Region of Peel has initiated a Municipal Class Environmental Assessment study (Class EA) to investigate the need for a watermain on McVean Drive from Castlemore Road to Countryside Drive in Brampton. The watermain would meet the preferred water servicing strategy identified in the 2013 Water and Wastewater Master Plan for the Lake Based Systems. The figure shows the proposed watermain (light grey shading) and existing watermain (dashed line).

The Master Plan addresses long-range infrastructure requirements to forecast the impacts on existing, planned and future projects, and to ensure water service continuation beyond 2031.

This McVean Drive watermain was identified as a Schedule A+ project in the Master Plan and could proceed to detailed design and construction. After the Water and Wastewater Master Plan was completed, the City of Brampton initiated a Schedule C, Class EA for road improvements to McVean Drive. The proposed road alignment for several of the watermain crossings resulted in property acquisition and the watermain to be built outside portions of the existing road right-of-way which has resulted in the watermain EA being reclassified to a Schedule B project.

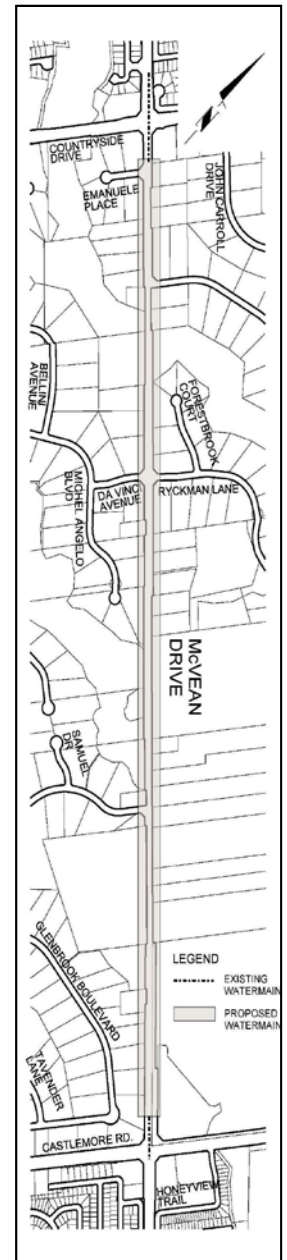
The City of Brampton has now completed the McVean Drive Class EA road widening and improvements and is proceeding to detailed design and project construction. Given this Class EA, and the fact that the watermain on McVean Drive will be located largely in the road right-of-way, additional studies on the existing conditions, specifically the natural environment, were not undertaken by the Region. The existing conditions studies completed by the City were used to understand potential impacts of the watermain project on the environment.

The EA Process

The study is being carried out in accordance with the approved requirements for a Schedule B project as described in the Municipal Engineers Association's *Municipal Class Environmental Assessment* (EA) document (October 2000, as amended in 2007, 2011 & 2015). This includes the completion of Phase 1 (Identification of the Problem) and Phase 2 (Evaluation and Identification of the Preferred Alternative Solution) as well as public and agency consultation and input on the study.

Completion of the Master Plan and the McVean Drive road improvements study resulted in two potential alternatives for this watermain study.

- Alternative 1 - Do Nothing
- Alternative 2 - Construct a Watermain on McVean Drive



The two alternative solutions were evaluated based on the natural, social-cultural, financial and technical components of the environment. Constructing a watermain (Alternative 2) was the recommended alternative as the proposed large size of the distribution watermain will address the problem statement by meeting the water servicing strategy up to and beyond 2031. The watermain construction will be coordinated with the McVean Drive road widening to reduce the construction related impacts. Most of the impacts to the environment are due to the road widening and improvements that will be undertaken by the City of Brampton. Permanent easements are required for potentially two of the watermain crossings, but the remainder of the potential impacts can be mitigated and/or minimized by coordinating the construction with the City of Brampton's McVean Drive road widening project and locating most of the watermain within the widened road right-of-way.

The Recommended Alternative

The recommended alternative solution is the construction of a watermain on McVean Drive which will be upsized from 300mm to 400mm to better meet the servicing needs. The existing watermain will be abandoned as part of the construction work for the new watermain. There are connections to existing distribution watermain that will also be completed as part of the project. All connections will be required to meet the standards and designs of the applicable regulating bodies. Temporary easements are also anticipated to be required for several of the watermain crossings for construction related activities.

Public Input

Stakeholder consultation (which includes the public and agencies) is an important component of the Class EA process. The Region wants to provide an opportunity for input on the recommended alternative solution. We are interested in hearing any comments or concerns you may have with respect to this study by **November 2, 2018**.

Any input received on the alternative solution will be incorporated into the Project File Report for the study. The next step in the Class EA process will be completion of a Project File Report which will be advertised in an upcoming Notice of Completion.

For further information and to provide your comments, please contact:

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