

# NOTICE OF STUDY COMPLETION

## Municipal Class Environmental Assessment for Phase 2 Expansion of the Burloak Water Purification Plant, Town of Oakville

### Background

In February 2011, Halton Region initiated a Class Environmental Assessment (Class EA) Study to identify the preferred treatment design concept to increase the capacity of the Burloak Water Purification Plant (WPP) to meet future demands. A map of the project site is included.

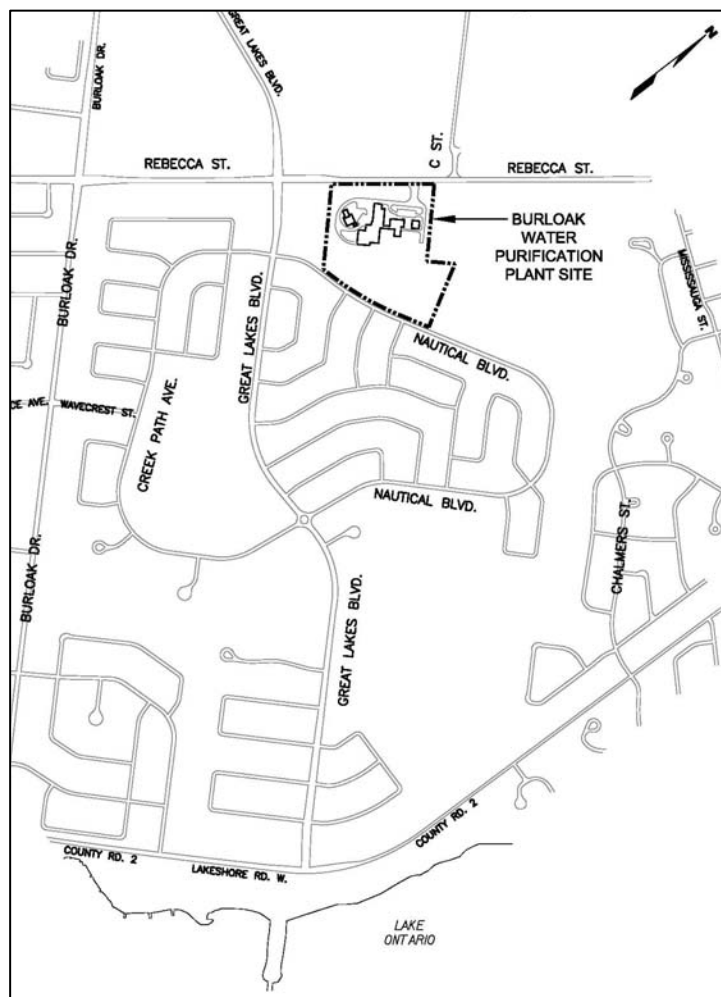
### Problem Statement

The next expansion of the Burloak WPP from 55 ML/day to 165 ML/day is required to provide additional water supply capacity for projected population and employment growth identified in the Best Planning Estimates and corresponding water demand projections as set out in the Sustainable Halton Water and Wastewater Master Plan, recently updated by the Region in 2011. The expansion of the Burloak WPP also provides the opportunity to design the project to achieve the Region's municipal service delivery objectives and further develop how the site is integrated with its neighbours and surrounding community.

### The Process

The Class EA Study has been completed according to the requirements of a Schedule C project of the Municipal Class Environmental Assessment document (Municipal Engineers Association, October 2000 as amended in 2007 & 2011). The Class EA Study included:

- Public and agency consultation;
- Evaluation of alternative treatment design concepts for the expansion;
- Assessment of technical, socio-cultural, natural environmental and economic environment;
- Assessment of the impacts of the proposed work; and,
- Identification of measures to mitigate such impacts, including potential impacts to the residential neighbourhood in the vicinity of the plant site.



The preferred treatment design concept for the expansion of the Burloak WPP involves membranes for particulate removal and pathogen removal, ozone for taste and odour control and pathogen control (during taste and odour season), and UV disinfection for pathogen control. Chlorine will be used for both zebra mussel control in the plant inlet and disinfection of the plant outlet into the distribution system. The plant residual flows will be treated by a combination of equalization and plate settlers clarification/thickening processes.

The preferred treatment design concept was identified to best optimize the plant's existing infrastructure, its operations and maintenance, as it replicates for the most part, the existing treatment processes. In addition, the preferred treatment design concept was found to be sustainable and economical.

## Public Comments Invited

An Environmental Study Report documenting the planning and decision making process followed during the Class EA Study has been prepared. By this Notice, the Environmental Study Report is being placed on the public record and will be available for review from May 2, 2012 until June 4, 2012 at the following locations:

Clerk's Office Town of Milton 43 Brown Street Milton, Ontario Tel: 905-878-7211	Clerk's Department Town of Oakville 1225 Trafalgar Road Oakville, Ontario Tel: 905-845-6601	The Regional Municipality of Halton Citizen's Reference Library 1151 Bronte Road Oakville, Ontario Tel: 905-825-6000
Clerk's Office Town of Halton Hills 1 Halton Hills Drive Halton Hills (Georgetown), Ontario Tel: 905-873-2600	Clerk's Department City of Burlington 426 Brant Street Burlington, Ontario Tel: 905-335-7777	

Interested persons should provide written comments regarding the project within the prescribed review period to either of the following individuals:

Teodor Kochmar, P.Eng., PMP  
Project Manager  
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If concerns arise during the review period that cannot be resolved through discussions with the Halton Region, a person or party may request that the Minister of Environment make an order for the project to comply with Part II of the Environmental Assessment Act. This request (commonly referred to as a Part II Order) must be received within the above prescribed review period by the Minister, at the address listed below and copied to Mr. Teodor Kochmar at Halton Region. If no request is received on or before June 4, 2012, Halton Region may proceed with detailed design and construction of the project, as outlined in the Environmental Study Report.

Minister of the Environment  
135 St. Clair Avenue West, 12<sup>th</sup> Floor  
Toronto, ON M4V 1P5