

NOTICE OF STUDY COMMENCEMENT

Rerating of the Oakville Water Purification Plant from 109 to 130 ML/d and Possible Intake Extension Town of Oakville

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT STUDY

Background

In 2011, Halton Region completed the Sustainable Halton Water and Wastewater Master Plan (WWMP). The WWMP recommended that the existing capacity of the Oakville Water Purification Plan (WPP), located at 21 Kerr Street, be increased from 109 million litres per day (ML/d) to 130 ML/d to ensure that the growing demand for drinking water within the Region can be met.

The Region is seeking to achieve this capacity increase with minimal impact to the local community by avoiding large scale process changes and optimizing the plant within its existing footprint.

Problem Statement

In order to meet the growing demand for drinking water in Halton Region, the Region is initiating an Environmental Assessment (EA) Study that will assess, test and evaluate various plant components so Halton Region can obtain approval from the Ontario Ministry of the Environment to rerate the Oakville WPP to 130 ML/d. The study will not involve any construction at the Plant.

The study will also address issues faced by the WPP from occasional high turbidity (i.e. sediment) in the facility's water intake. After periods of heavy rainfall, the Oakville WPP experiences elevated levels of turbidity in the raw water it draws from Lake Ontario related to high volumes of sediment discharged into Lake Ontario through the mouth of Sixteen Mile Creek after rain events. At times, this results in the Oakville WPP being shut down temporarily representing a risk to the Region's long-term security of water supply.

The Process

The study is being conducted in accordance with Schedule B of the Municipal Class Environmental Assessment process (October 2000, amended 2007 and 2011), which is approved under the Ontario Environmental Assessment Act. In addition to obtaining approval for rerating of the plant; the study will also evaluate the problem of sediments coming from Sixteen Mile Creek and consider plant-based or intake modification-based



solutions to address the problem. The study will determine if future construction is required to modify processes inside the Plant or the intake pipe out in the lake.

Public Information Centres

Consultation with the public and review agencies is a key element of the Class EA process, and input will be sought throughout the study using various means including notices and Public Information Centres (PICs). Details regarding upcoming Public Information Centres will be advertised as the study progresses.

Contact Us

Please contact any of the following project team members if you wish to be added to the project mailing list or if you have any questions, comments about the study.

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