Notice of Study Completion

Wastewater Treatment Master Plan (WWTMP)
Update

Background
The Region of Waterloo (Region) is responsible for treating wastewater at its 13 wastewater treatment plants and 7 wastewater pumping stations. The Region's WWTMP recommends the long-term wastewater treatment strategy for these facilities.

The WWTMP was last updated in 2007 and planned to the year 2041. In light of recent trends in wastewater flows and population growth, regulatory requirements, and climate change, the Region has updated this Master Plan. This update assessed the current status of wastewater treatment facilities and updated the preferred wastewater treatment strategy to the year 2051, in an environmentally sustainable and economically viable manner, consistent with the Region's Strategic Plan.

The Process
The Region has completed the WWTMP according to the requirements for a Master Plan project under the Municipal Class Environmental Assessment (Class EA). The study completes Phases 1 and 2 of the Class EA process using community feedback in the decision-making to find a preferred approach. This notice places the Master Plan on the public record.

The Result
The WWTMP developed recommendations for individual facilities to accommodate future growth and level of treatment needs. General recommendations were also identified that would benefit all Regional wastewater facilities. A summary of the components of the preferred plan includes:

Growth: To accommodate future population growth, expansions are recommended in the short-term for the Waterloo, Elmira and St Jacobs Wastewater Treatment Plants (WWTPs) and the Spring Valley, Morningside, and Baden Wastewater Pumping Stations. In the medium term, expansions are recommended for the Hespeler and Wellesley WWTPs.

Level of Treatment: New regulations are anticipated for WWTPs to meet targets for reducing phosphorus. Upgrades are recommended for the phosphorus removal treatment at the Waterloo, Hespeler and Preston WWTPs to meet the new requirements.

Regional Wastewater Recommendations: WWTMP recommendations that will benefit all Regional facilities include continued focus on watershed management, decreasing inflow and infiltration, energy management, industrial pre-treatment, asset management and renewal, water re-use, and resource recovery.

Details of the preferred wastewater approach resulting from the WWTMP are provided in the Master Plan report.
Master Plan Report Available for Review

Copies of the Wastewater Treatment Master Plan report are available for your information at the following locations from July 16 to September 14, 2018, Monday to Friday 8:30 a.m. to 4:30 p.m.

- Regional Clerk’s Office, 150 Frederick Street, 2nd Floor, Kitchener
- City of Kitchener Clerk’s Office, 200 King Street West, Kitchener
- City of Cambridge Clerk’s Office, 50 Dickson Street, 2nd Floor, Cambridge
- City of Waterloo Clerk’s Office, 100 Regina Street South, Waterloo

The documents are also available for download on the Region’s website at: www.regionofwaterloo.ca/masterplansandprojects#wwtmp

Please send information requests or comments to:

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Please provide all written comments to the Region of Waterloo by Friday, September 14, 2018. Information will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.

This notice was first issued on July 10, 2018.