

Notice of Filing of Addendum

Municipality of North Grenville Kemptonville Water Pollution Control Plant and Bridge Street Sanitary Pump Station Optimization and Expansion Environmental Study Report (ESR) Addendum

North Grenville is currently experiencing high growth and development pressures and is undertaking an Environmental Study Report (ESR) Addendum to address their need for additional wastewater treatment capacity to service community growth. A review of the Kemptonville Water Pollution Control Plant (WPCP) suggests that there are hydraulic constraints limiting the treatment capacity of the WPCP, specifically its ability to provide tertiary treatment of high peak flows. The WPCP requires additional wastewater treatment capacity and/or equalization storage to accommodate these current peak demands as well to meet projected growth and sewage flow demands associated with future developments. The Municipal Class Environmental Assessment (Class EA) planning process provides an opportunity to evaluate existing systems and infrastructure at the Kemptonville Water Pollution Control Plant (WPCP) in the context of meeting or exceeding current treatment standards, projected demands and long-term reliability and sustainability.

Recommended Alternative and Preferred Design Concepts

Following a Public Information Centre (PIC No. 1) on December 14, 2017, the preferred solution was confirmed to be the expansion and upgrade of the WPCP, the addition of influent equalization storage at the WPCP and the rerating of the Bridge Street SPS. Following PIC No. 1, alternative design concepts were evaluated to determine the preferred design concept for the upgrades. The preferred design concept was presented in a final PIC held on March 7, 2019 (PIC No. 2) and presented within the ESR Addendum.

The preferred design concept for the liquid treatment train includes the construction of a new Headworks Facility that will house new screening and grit removal equipment, pumping system and possibly odour control units, and that will be able to accommodate septage receiving, the addition of a new Primary Clarifier, addition of a new Aeration Tank, addition of a new Secondary Clarifier, expansion of Tertiary Filtration, upgrades to the Effluent Pumping Systems and the addition of an Emergency Overflow.

The preferred design concept for the solid treatment train includes maintaining Co-Thickening of primary and secondary sludge, the addition of a second primary digester with the capability of performing mesophilic (35°C) and thermophilic (55°C) anaerobic digestion, and the installation of a biosolids dewatering system, consisting of a new Geotube® Dewatering Facility and Hauling Cake Biosolids for land application.

By this Notice, the ESR Addendum is being placed on public record for a thirty (30) day review period in accordance with the requirements of the Municipal Class EA process. Interested persons may review this document and provide comments to the Municipality. Subject to comments received as a result of this Notice, funding opportunities, and the receipt of necessary approvals, the Municipality may then proceed with the works.

The ESR Addendum is available for review beginning April 17, 2019 and a copy of the complete Report will be available at the Municipal Office, located at 285 County Road #44, Kemptonville, ON K0G 1J0, open Monday to Friday, 8:30 am to 5:00 pm.

Please send any comments by
May 17, 2019 to:

Ms. Sarah Gore, P.Eng.
Executive Director, Manager,
Environmental Engineering
J.L. Richards & Associates Limited
700-1565 Carling Ave
Ottawa, ON K1Z 8R1
Phone 613-728-3572 ext. 1251
E-mail: sgore@jlrichards.ca

With a copy to:

Mr. Mike Finley, P.Eng.
Superintendent of Environmental Services
The Municipality of North Grenville
285 County Road 44, PO Box 130
Kemptonville, ON K0G 1J0
Phone: 613-258-9569 ext. 139
mfinley@northgrenville.on.ca



Location Plan



Overview of Preferred Solution

Comments

Any information collected during the review period will be managed in accordance with the Freedom of Information and Protection Act. With the exception of personal information, all comments will become part of the public record. If concerns arise regarding the ESR Addendum, which cannot be resolved in discussion with the Municipality, a person or party may request that the Minister of Environment, Conservation and Parks make an Order for the project to comply with Part II of the Environmental Assessment Act (referred to as a Part II Order), which addresses individual environmental assessments. A Part II Order Request Form, available online on the Forms Repository Website (<http://www.forms.ssb.gov.on.ca>) by searching "Part II Order" or "012-2206E", must be used to request a Part II Order. Requests must be received by the Minister and Director of the Environmental Approvals Branch at the addresses below within 30 calendar days of the first day of posting of the ESR Addendum (up to and including May 17, 2019). A copy of the request must be sent to Mr. Mike Finley of the Municipality of North Grenville (address provided herein). If no request is received within 30 days of the initial posting of the ESR Addendum, the Municipality intends to proceed towards implementation.

Minister Rod Phillips
Ministry of Environment, Conservation and Parks
11th Floor, 77 Wellesley Street West
Toronto, ON M7A 2T5
minister.mecp@ontario.ca

Director, Environmental Approvals Branch
Ministry of Environment, Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, ON M4V 1P5
enviropermissions@ontario.ca