



Notice of Study Commencement

Town of Petrolia

Class Environmental Assessment to Plan for Wastewater Treatment in the Town of Petrolia

The Town of Petrolia operates the Petrolia wastewater collection system, which collects and delivers wastewater to the Petrolia Wastewater Treatment Plant (WWTP). The plant provides a high level of treatment, and ultimately discharges treated and disinfected effluent to Bear Creek.

The Petrolia WWTP is operating at near 80% of its approved capacity of 3,800 cubic metres per day (m^3/d), and with anticipated growth for the 30-year planning period to 2041, additional capacity will be required. In addition, most components of the facility are more than 35 years old, equipment is outdated and at risk of failure, which could lead to environmental and health and safety impacts. The Town has diligently worked to address maintenance problems on a case by case basis; however, a major capital upgrade of the facility is required in the near future so that the plant can provide reliable operation and achieve performance criteria.

The Town has initiated a study to identify the best solution, design concept and implementation plan for provision of reliable and effective wastewater treatment capacity for the existing service area and planned population growth. This project is being planned under **Schedule C** of the **Municipal Class Environmental Assessment** (Municipal Engineers Association, October 2000, as amended in 2007).

In planning wastewater treatment for the Town, treatment of landfill leachate, representing a small volume of high strength wastewater, at the Petrolia WWTP, is also being considered. The leachate is currently hauled by truck to a number of alternative municipal wastewater facilities for treatment. Waste Management, who owns and operates the Petrolia Landfill, has partnered with the Town for this project. The project could reduce the environmental impact of hauling leachate and could also reduce leachate disposal costs.



Public input and comment are invited, for incorporation into the planning and design of this project. A Public Information Centre is planned for spring 2012. In the meantime, if you would like to be included on the mailing list, or have specific comments, please contact either of the following:

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