

CLASS ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED INSTALLATION OF SANITARY SEWERS AND WASTEWATER TREATMENT FOR THE COMMUNITY OF BOTHWELL



Notice of Project Initiation

Background

- ◆ The existing Community of Bothwell does not have communal sewerage works (collection and treatment). Sewage disposal continues to be provided by individual on-site septic systems.
- ◆ Over the past few decades, problems with aging and failing septic systems have been identified throughout the community of Bothwell.
- ◆ Previously completed studies had concluded that Bothwell residents utilizing raw groundwater resources (private wells) may be at risk due to high nitrates and possible contamination from water-borne bacteria if frequent testing and/or proper utilization of water treatment devices were not employed.
- ◆ In addition, many of the existing developed lots are too small to provide for today's area requirements for septic tanks, and samples taken from catchbasins and ditches indicated the presence of sewage in storm drains.
- ◆ In some instances, fecal coliform counts were very high, indicating direct connections from disposal beds, or septic tanks as a probability.
- ◆ In response to this, in 1995, a municipal water supply system was extended to the Community of Bothwell with the intent that wastewater collection and treatment would be implemented in the future.
- ◆ The need for sanitary sewers and treatment was further confirmed by the Chatham-Kent Water and Wastewater Master Plan.
- ◆ While safe drinking water is now provided, studies have concluded that many Bothwell septic systems continue to adversely affect groundwater supplies and have detrimental effects on the water environment, including the Thames River.
- ◆ The need to correct this problem is further strengthened by the recent Chatham-Kent Official Plan that places importance on the protection and enhancement of groundwater resources.

The Study

- ◆ Carrying forward with the Chatham-Kent Water and Wastewater Master Plan recommendations, the Chatham-Kent Public Utilities Commission, through their consultants, Earth Tech Canada Inc., has initiated a Class Environmental Assessment (Class EA) for the proposed installation of sanitary sewers and provision of wastewater treatment to serve the Community of Bothwell.
- ◆ The objective of this project is to implement a sanitary sewage collection system with associated sanitary sewage flows being directed to a wastewater treatment facility that will best address the needs and protection of the community of Bothwell and the environment.

Community Consultation Program

- ◆ Public consultation is a key component of the Class EA Study.
- ◆ Opportunities for public input will be provided throughout the Study and will include public information centres (PICs), newsletters/brochures and direct mailings to review agencies, affected landowners and members of the public indicating interest.
- ◆ Comments received through the course of the Study will be considered in identifying the recommended wastewater servicing strategy.
- ◆ The first PIC is planned for Spring 2004 and will present background information on the study, the evaluation of alternative solutions and the next steps in the study.
- ◆ The second PIC will evaluate alternative design concepts, including route and site selection, identify the preferred wastewater servicing strategy including associated costs and outline the implementation schedule-next steps.
- ◆ We encourage you to contact any of the listed individuals should you wish to provide information or have any questions. If you feel that different input forums would be useful, please let us know.
- ◆ A Notice of PIC #1 will be advertised in advance through local newspaper notices as well as newsletter and letter/ mailing list.
- ◆ The recommended wastewater servicing strategy and associated costs will be presented at a second PIC planned for late June 2004. Further public notification will occur at that time.

How do I stay informed?

If you would like to be added to the mailing list or want more information on the project please contact either of the following:

Mr. Rob Bernardi, P.Eng.
Facilities and Systems Manager
Chatham-Kent Public Utilities
Commission
Water and Wastewater Services
320 Queen Street, P.O. Box 70
Chatham, Ontario
Phone: (519) 352-6300 ext. 310
Fax: (519) 352-3432
Email:
robbe@ckpuc.on.ca

Mr. Michael Mastronardi, P.Eng.
Senior Project Manager
Earth Tech Canada Inc.
4510 Rhodes Drive, Suite 520
Windsor, Ontario
N8W 5K5
Phone: (519) 944-0766
Fax: (519) 944-0268
Email:
mike.mastronardi@earthtech.ca



E A R T H  T E C H

A tyco INTERNATIONAL LTD. COMPANY