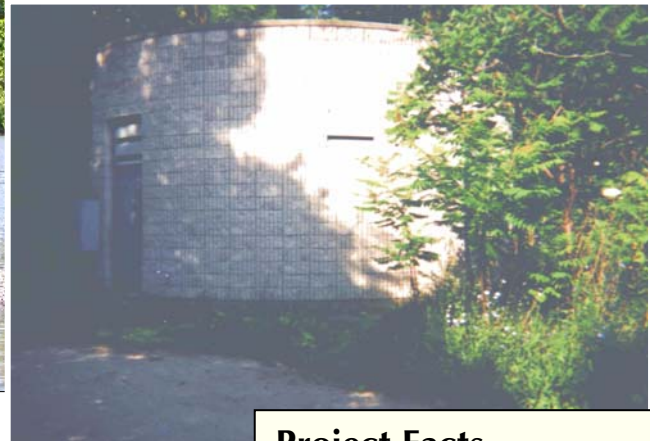




The Provincially Significant Rattray Marsh and the existing Bexhill Road Pumping Station.



The existing discharge forcemain is routed across an easement bisecting the Provincially Sensitive Rattray Marsh

Class Environmental Assessment Bexhill Road Forcemain/Pumping Station - Region of Peel

In 2003, the Region of Peel retained the Ainley Group to undertake a Class Environmental Assessment Study of the Bexhill Road Forcemain/Pumping Station in the City of Mississauga. The Region of Peel was reviewing options to address design and environmental concerns with respect to the Bexhill Road Wastewater Collection System. The Ainley Group's preliminary EA problem statement identified three main areas of concern:

- A significant portion of the inlet trunk sewer to the Bexhill Road waste pump station is submerged in Lake Ontario – a potential for infiltration.
- The existing wastewater pump station may be insufficiently sized to handle future peak flows, which could cause surcharging of the inlet sewer and overflow into Lake Ontario.
- The existing discharge forcemain, almost 35 years old (built in 1969) and routed across an easement bisecting the Provincially Significant Rattray Marsh, poses an environmental risk to the Marsh should a break occur in the forcemain.

The Ainley Group conducted a Class Environmental Assessment Planning Process (Schedule C) to address the issues associated with the Bexhill Road inlet sewer, sewage pump station and forcemain and the concerns expressed by the Region with respect to the protection of the natural environment within the Rattray Marsh and Lake Ontario.

Project Facts

Client: Region of Peel

Scope of Work:

Completion of a Class Environmental Assessment Planning Process (Schedule C), which will address:

- The protection of the natural environment of Rattray Marsh
- Detailed assessment of long-term planning needs concerning future wastewater flows
- Presentation of environmentally sound engineering options for public consideration and comment
- Detailed geotechnical and hydrogeological assessments of sub-surface conditions
- The selection of a suitable site for a possible new sewage pump station
- The involvement of the general public and review agencies at every stage of the planning process
- Utilities coordination.

Projected Cost: \$430,000