

## Trenton Pollution Control Planning Study



Client:  
**City of Trenton, Ontario**

XCG Consultants carried out Phases 1 and 2 of the City of Trenton Pollution Control Planning Study (PCPS) between the spring of 1997 and autumn of 1998. Trenton lies along the north shore of the Bay of Quinte, which is one of the areas of concern in Lake Ontario identified by the IJC. A Remedial Action Plan for the Bay of Quinte was finalized in 1993, and it called for Trenton to conduct a PCPS to determine how best to deal with impacts of urban drainage on the Bay and its major tributary, the Trent River. A priority issue has been the impacts on bacteriological water quality along shoreline areas in the Bay.

An important task in the implementation of Phase 1 was cataloguing and characterizing all of the urban drainage discharges. Also, the status of two sewage plant discharges was reviewed. Comprehensive dry-weather and wet weather monitoring programs were designed and implemented to provide an updated picture of drainage loadings and impacts on the Bay.

It was determined that near-shore bacteriological contamination continues to occur, but that the problem is less severe than measured in the 1980s. This trend was attributed to the ongoing program to eliminate sewer cross-connection problems and other sewer system deficiencies, as well as improvements to the disinfection process at the City's sewage plant.

A long term strategy for stormwater pollution abatement was recommended, including specific guidelines on stormwater management needed in new urban development areas.

**Expert People. Better Decisions.**  
**[xcg.com](http://xcg.com)**