

# **Surface Water Management**

## **2017 Budget Briefing Note**

### **Description**

The Surface Water Management Branch, with support from the department's Environmental Business Services and Environmental Engineering Services branches, is responsible for the operational planning, development, management, and environmentally sound operation of the City's storm water drainage and treatment systems. This includes:

- Operational planning for future requirements including system growth
- Environmentally sound management of City-owned facilities and collection systems

### **Programs/Services Offered**

- Conduct operation and maintenance of 235 storm water management ponds and 112 underground storm treatment/control facilities;
- Coordinate maintenance in approx. 2,600 km of municipal storm sewers and appurtenances;
- Administration of Municipal Drainage Bylaw activities in urban areas;
- Deliver Rural Drainage Program including maintenance of 1,200 km of designated Municipal Drains;
- Conduct surface water monitoring programs including baseline water quality testing at 133 locations city wide;
- Asset database management
- Facilitate resolution of multi jurisdictional problems involving approx. 3,300 km of natural waterways/valley lands within the city;
- Operation of an accredited Water Quality Laboratory conducting approximately 350,000 tests annually;
- Oversight of inter-department storm water programs and initiatives (i.e. Source Water Protection compliance, Storm Water Retrofit programs, Water Environment Strategy)