



Welcome to Public Open House



City of Toronto
Ellis Ave / Colborne Lodge Drive
Stormwater Treatment Facilities Project

Please complete sign-in sheet and review the display material.
Representatives can answer your questions.



Purpose of Project

- To construct facilities for the control and treatment of stormwater from areas drained by the Ellis Ave and Colborne Lodge Drive storm sewers

Project Objectives

- Enhance beneficial use of stormwater
- Minimize negative environmental impacts

Background

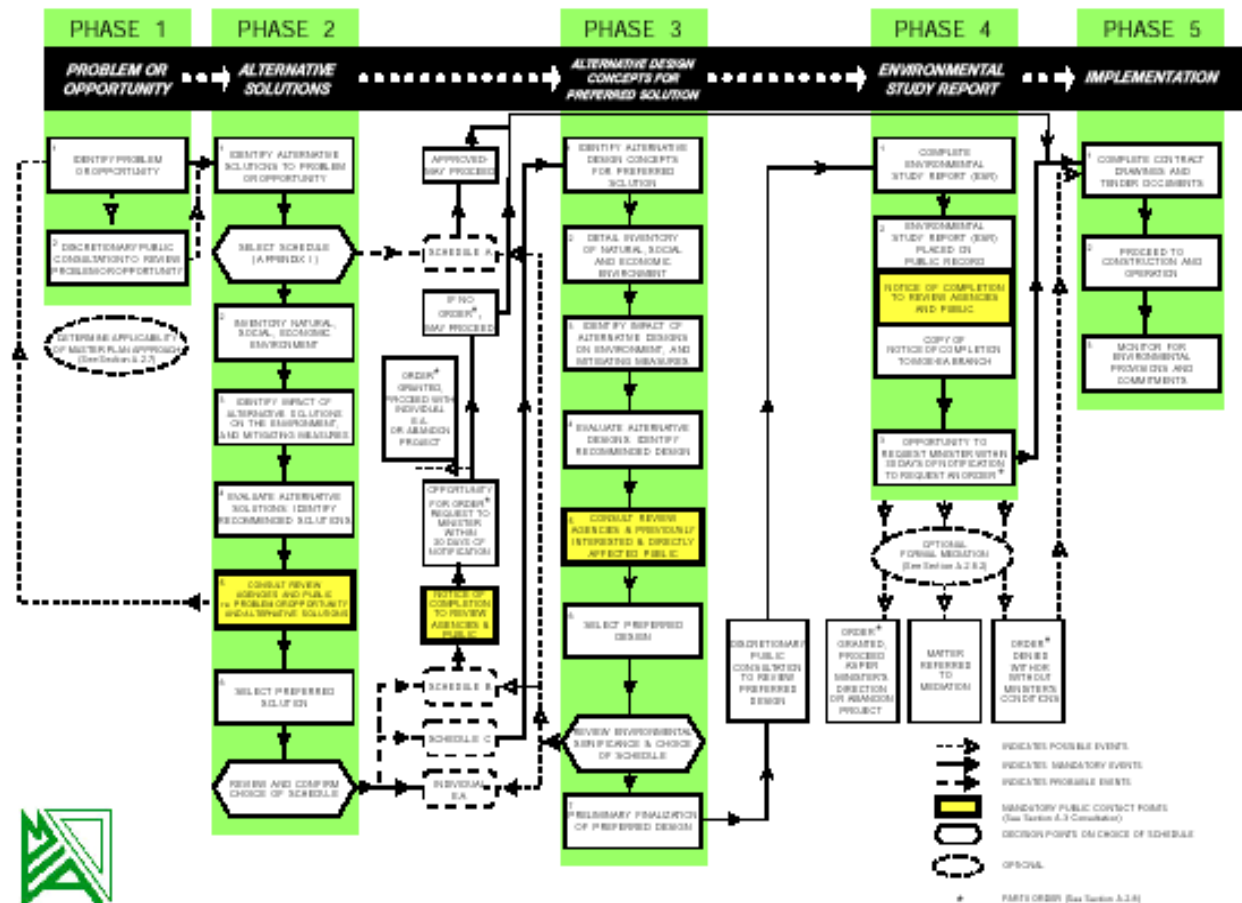
- Stormwater is the water resulting from precipitation which either infiltrates into the soil, runs off from the surface or is captured by the sewer systems
- City conducted a Schedule “C” Class Environmental Assessment (ESR) for this project to enhance stormwater quality before discharge to receiving waters
- Extensive public and agencies consultation conducted including 3 Open Houses
- Environmental Study Report (ESR) completed in 2002
- Report recommended the construction of 4 wetlands, 1 oil and grit separator and 1 screening device at the various storm sewer outfalls
- Recommendations are consistent with the City’s Wet Weather Flow Management Master Plan
- City proceeding with detailed design and construction of facilities

Municipal Class EA Process

EXHIBIT A.2

MUNICIPAL CLASS EA PLANNING AND DESIGN PROCESS

NOTE: This flow chart is to be read in conjunction with Part A of the Municipal Class EA



We are here

What Does a Sediment Forebay Look Like?



What is a forebay?

A forebay is an extra storage area provided to trap incoming sediments before they accumulate in the stormwater wetland.

What Does a Constructed Stormwater Wetland Look Like?

What is a Wetland?

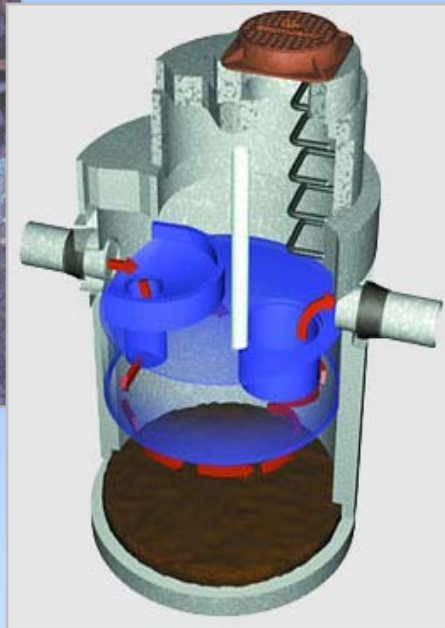
A stormwater wetland incorporates plants in shallow pools to remove stormwater pollutants by settling and biological uptake



What Does an Oil/Grit Separator Look Like?



Typical Unit being Installed



Cross-Section

What is an oil/grit separator?

An oil/grit separator is a structure designed to remove coarse sediments and oil from the stormwater

Construction Measures

Construction is scheduled to take place in the late Fall 2005. During construction, the City will deliver Construction Notices to keep you up-to-date on what's happening. Here's what you can expect:

- Erosion and sedimentation controls to be used to minimize water quality impacts
- All in-water construction activities will take place between July 1 and March 31 to protect fish habitats
- Work will generally take place between 7 a.m. and 7 p.m., Monday to Friday, in accordance with the City's Noise By-law
- Any alterations to existing conditions beyond the facilities will be restored

Next Steps

Revise drawings – Early August 2005

Tender project – mid-August 2005

Council approval – October 2005

Start of construction – early November 2005

Completion of construction – June 2006

Commission works – July 2006

