

Stormwater Management Pond Retrofit Study

Client: Town of Innisfil

Year: 2004 - 2007



SERVICES PROVIDED

CCTA completed a stormwater management pond retrofit study and design following the planning process in the Schedule B Municipal Class Environmental Assessment. The goal of the project was to bring the facility up to current Lake Simcoe Region Conservation Authority and MOE SWM standards by maximizing the level of water quality treatment provided. The treatment efficiency was maximized by converting the dry pond into a wetland complete with inlet forebays, a permanent pool storage cell, low flow outlet and enhanced wetland plantings. This was completed under challenging conditions given the available pond footprint and current use of the pond as a passive park in a residential setting. Following detailed technical considerations and public consultation a preferred alternative was selected and designed. As an added benefit a trail system was incorporated into the design that provides community access to this green space along with maintenance access to the pond. Construction commenced in 2006 and the project's goal of maximizing the treatment provided was achieved in 2007 upon project completion.

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