



Orangeville Business Park SWM Pond Retrofit



Client: Town of Orangeville

Location: Orangeville Business Park

Services: Stormwater Management, Engineering Design, Contract Administration, Inspection

In 2005, The Jones Consulting Group was retained by the Town of Orangeville to retrofit and existing Stormwater Detention Pond at the Orangeville Business Park. The existing pond was designed for stormwater detention and did not include quality control features. Concerns from downstream landowners of sediment laden waters exiting the pond lead the Town to work with Credit Valley Conservation.

The Jones Consulting Group (TJCG) completed the site assessment, topographical survey and Schedule "B" Class Environmental Assessment. With approval from the Town, CVC and local residents and business owners, TJCG completed the detailed design, reports, form of tender, construction administration and inspection. The retrofit included several quality control features including inlet erosion control devices, sediment forebay, creation of a permanent pool with outlet controls and landscaping details. As a result of the initial site assessment, the pond volume was also increased to control greater storm events. The pond retrofit was successfully completed in August of 2006.

