



Stantec Consulting Ltd.
40 Highfield Park Drive, Suite 102
Dartmouth NS B3A 0A3
Tel: (902) 468-7777
Fax: (902) 468-9009

Stantec

**Broad Brook Wetland Park
Project Background and Details
Compiled by Stantec**

- In fulfillment of environmental approvals for their local retail store, Walmart Canada needed to create, restore or enhance a wetland in the watershed. Stantec Consulting Ltd. was contracted to undertake this task in 2005.
- Through consultations with the local community, including council members, Yarmouth Recreation, Nova Scotia Environment, Department of Fisheries and Oceans, Nova Scotia Department of Natural Resources and representatives from the Tusket River Environmental Protection Association, the degraded wetland between Forest and South East Streets was chosen for enhancement in 2008.
- Stantec identified the main causes of degradation to the wetland, then developed a plan to reverse this damage while creating opportunities for learning and recreation. We focused on:
 - o Improving the ecological health of the wetland;
 - o Enhancing its capacity to manage and treat stormwater;
 - o Improving the wetland's accessibility and connectivity to the surrounding sports park and neighbourhoods; and
 - o Creating engaging ways to learn about wetland conservation.
- Prior to our work, more than 50 per cent of the plants on the site were non-native, and non-wetland. This indicated a highly disturbed wetland – one that was not serving as a high quality wildlife habitat and which was at risk of further degradation.
- The wetland has been affected by a history of agriculture and drainage. Stormwater from adjacent residential areas had also affected the site. This created a stressful environment for wildlife and wetland plants.
- Now, through strategic placement of trails and water control structures, stormwater entering the wetland is held for a longer period of time in areas that are most degraded. This creates better living conditions for wetland plants, and better opportunities for treatment and management of stormwater. We also created open water areas for ducks and geese to stopover on their way to the shore.
- Stantec will continue to monitor the vegetation and water levels in the wetland for five years to confirm that the goals of the project are being met.
- There are many ways the community can be involved in the monitoring and management of the wetland, and we encourage the community to take ownership of this fabulous amenity and help protect it for years to come.

To learn more about the Broad Brook Wetland Park Project or to arrange an interview, contact:

Rachel Sa
Stantec Media Relations
416-598-5699
Cell : 416-902-0930
rachel.sa@stantec.com

About Stantec

Stantec provides professional consulting services in planning, engineering, architecture, interior design, landscape architecture, surveying, environmental sciences, project management, and project economics for infrastructure and facilities projects. Our services are provided on projects around the world through approximately 12,000 employees operating out of more than 200 locations in North America and 4 locations internationally. Stantec trades on the TSX and on the NYSE under the symbol STN.