



## Habitat Restoration Project 2009

- Duffins Creek: Pickering, Ontario -

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### Bushwood Golf Course Bank Stabilization Planting

Habitat Project Lead: *Ontario Federation of Anglers and Hunters (OFAH)*

Habitat Project Funding Lead: *Canada-Ontario Agreement*

Date Completed: *December 1, 2009*

The Bushwood Golf Course Bank Stabilization Planting project was located upstream of the 'Shrub Planting Project' at the golf cart bridge on the Transport Canada Pickering Lands property rented to Bushwood Golf Course. The planting site is at the 12<sup>th</sup> hole beside the green where the stream enters the property at the most northern end (figure 1). The stream bank at this section had a severe erosion problem that was removing land close to the green and bank slumping was occurring. This project enhanced the riparian cover, improved water temperatures, minimized erosion and sediment deposition and aided in nutrient uptake.

Planting shrubs along the toe of the bank where the slumping was occurring will allow the bank to re-stabilize. On December 1<sup>st</sup>, 5 volunteers (15 hours) from the Lake Ontario Atlantic Salmon Restoration Program planted 96 shrubs (figure 2). Potted red osier dogwood (50), nannyberry (25) and fragrant sumac (20) were planted along the stream bank to stabilize the outside creek bend. The total planted area for this project was 120m<sup>2</sup> and the length of Duffins Creek enhanced was 40m (figure 3).



Figure 1: Stream bank of Duffins Creek on Bushwood Golf course, eroded and washing away into stream (before planting).



Figure 2: OFAH staff planting dogwood, nannyberry and sumac along Duffins Creek.



Figure 3: Completed planting at Bushwood Golf Course on December 1<sup>st</sup>, 2009.