



Habitat Restoration Project 2009

- Duffins Creek: Pickering, Ontario -

Greenwood Conservation Area Rodar Property Wet Meadow Cedar Thicket Planting

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

Habitat Project Funding Lead: *Toronto and Region Conservation Authority*

Date Completed: *April 15, 2009*

This project aimed to increase bank stabilization, increase width of riparian cover and overhanging vegetation along the stream bank, attenuate peak flows, improve base flows, and improve water quality and quantity while mitigating stream temperature. The Greenwood Conservation Area (GWCA) Rodar Wet Meadow Cedar Thicket Planting was a bio-engineered and live staking project. The plantings have the potential to transform into a wet meadow or conifer thicket in the field to the west (~0.24ha). Another objective of the project is to re-direct the trail away from the bank, by installing signage and wooden barriers. On April 15th, 2009, a crew of 7 volunteers planted 100 shrubs and 95 trees in GWCA (figure 1). The team put in a total of 14 hours completing this planting project (figure 2). Figure 3 shows volunteers later in the summer installing a Bring Back the Salmon planting site sign to let conservation area users know a stream restoration project had taken place in this area.



Figure 1: A volunteer planting a cedar tree along banks of Duffins Creek at Greenwood Conservation Area.



Figure 2: Completed planting of trees and shrubs along Duffins Creek to improve bank stabilization and water quality.



Figure 3: Volunteers installing a sign later that summer once grasses had grown up around planted trees and shrubs at Greenwood Conservation Area.