



Habitat Restoration Project 2011
- Credit River: Terra Cotta, Ontario -

Terra Cotta Conservation Area Riparian Tree and Shrub Planting

Habitat Project Lead: *Ontario Federation of Anglers and Hunters*

Habitat Project Funding Lead: *TD Friends of the Environment Foundation*

Date Completed: *October 27, 2011*

The Lake Ontario Atlantic Salmon Restoration Program planted 75 trees and 184 large potted shrubs along a new channel created by Credit Valley Conservation (CVC). The channel connects the headwaters of the Credit River above the culvert for the Wolfe Lake bypass channel with a natural downstream channel in the Terra Cotta Conservation Area. The newly created channel runs along the service road separating the lake from the stream. The Ministry of Natural Resources (MNR) personnel, CVC and Atlantic Salmon Program staff worked with a 52 students from St. Paul Secondary School to complete the project with a combined effort of 104 person-hours of planting time. The native planting material along the 50m of stream (both sides) will shade the creek to cool the water before it enters the downstream coolwater Atlantic Salmon habitat. The 1,019m² of planted area will primarily benefit Atlantic Salmon by providing vegetation that will absorb water at periods of high flow and release it slowly during dry periods to maintain a longer period of base flow conditions (level of water needed for fish to function and survive in a stream).



Figure 1: The channel downstream of the culvert before planting.



Figure 2: St. Paul Secondary School students planting trees and shrubs.



Figure 3: Photo facing upstream towards culvert, students planting trees and shrubs.