



Habitat Restoration Project 2012
- Credit River: Terra Cotta, Ontario -

Terra Cotta Conservation Area Spring Pond Planting

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

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

Date Completed: *October 25, 2012*

The Lake Ontario Atlantic Salmon Restoration Program planted 110 trees and 170 large potted shrubs at a bypass channel site on the Credit River at Terra Cotta Conservation Area. The newly-created channel bypasses a formally online pond and was designed and built by Credit Valley Conservation (CVC). Atlantic Salmon Program staff worked with seven students from Georgetown Secondary and a Crestwood Secondary School (Peterborough) coop student to plant the native material for a combined contribution of over 24 person-hours. More than 130m of stream is now flowing through a well vegetated area, and the planting will shade the creek to cool the water before it continues downstream into Atlantic Salmon and Brook Trout coldwater habitat. The 3,286m² of planted vegetation absorbs water at periods of high flow and releases it slowly during dry periods, which maintains a longer period of base flow conditions (level of water needed for fish to function and survive in a stream).



Figure 1: Students and CVC staff getting ready to hike out into the mud and plant potted trees and shrubs.



Figure 2: High school students being instructed by CVC staff on planting techniques.



Figure 3: Planting the trees and shrubs.