



Habitat Restoration Project 2012 - Humber River: Palgrave, Ontario -

Albion Hills Conservation Area Shrub Planting

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

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

Date Completed: *November 3, 2012*

The Lake Ontario Atlantic Salmon Restoration Program planted 1,025 potted shrubs along the Humber River in the Albion Hills Conservation Area. The Atlantic Salmon Program partnered with one Ontario Streams and two OFAH Invasive Species Awareness Program (ISAP) staff to complete the reforestation planting. Volunteers from the Hispanic Church of the Nazarene in Mississauga (43), two Fleming College students and two Peterborough high school coop students contributed 161.5 person-hours to this project. A mixture of native shrub species was planted along the 136m stream bank creating a riparian buffer (vegetated area along the water's edge) with a total area of 928m². The vegetation will improve Atlantic Salmon habitat by providing stability along the bank to reduce erosion, shade the coolwater creek to protect it from thermal pollution and filter harmful contaminants before they enter the creek.



Figure 1: A Fleming College volunteer and church staff at the planting.



Figure 2: Church group planting the shoreline of the Humber River.



Figure 3: The north bank of the stream, planting site outlined by yellow flags.



Figure 4: Fleming College, Ontario Streams and Thomas A. Stewart Secondary School volunteers planting.



Figure 5: Volunteers planting native shrubs on the south side of the stream bank.



Figure 6: ISAP staff planting the shoreline opposite to the gabion removal area.



Figure 7: ISAP staff planting some of the last of the potted shrubs.