



Habitat Restoration Project 2011  
- Cobourg Brook: Cobourg, Ontario -

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### Holmes Reforestation Corridor Planting

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

Habitat Project Funding Lead: *Ontario Ministry of Natural Resources*

Date Completed: *April 20, 2011*

The Lake Ontario Atlantic Salmon Restoration Program planted 1,490 trees and 199 shrubs along Cobourg Brook on a private property north of Highway 401, with planting help from 18 volunteers over two days. The Northumberland Junior Farmers, Community Stream Steward Program, Fleming College and a staff member from the Invasive Species Awareness Program assisted the Atlantic Salmon Program in completing this large reforestation project. The volunteer groups, excluding staff from programs within the Ontario Federation of Anglers and Hunters (OFAH), worked for a total of 103 person-hours to plant the native trees and shrubs. The project increased the native plant diversity at the site where most trees had been clear cut to allow cattle to graze. The trees and shrubs were planted along 614m of the stream bank creating a riparian corridor (a continuous vegetated area along the water's edge) to buffer runoff from the road that travels over and along the stream's edge. A total area of 17,444m<sup>2</sup> was planted, improving the quality of the fish migration route by providing shade to the coldwater creek and reducing bank erosion.



Figure 1: Reforestation planting site before restoration.



**Figure 2:** Fleming students planting trees and shrubs along the banks of Cobourg Brook.



**Figure 3:** Edge of the planting site furthest from the streams edge.