



Habitat Restoration Project 2010

- Cobourg Brook: Cobourg, Ontario -

Baker Road Headwaters Reforestation Planting

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

Habitat Project Funding Lead: *Canada-Ontario Agreement*

Date Completed: *May 15, 2010*

In 2009, the Lake Ontario Atlantic Salmon Restoration Program completed a cattle fencing and low-level stream crossing project on Cobourg Brook. In 2006 the property had been grazed by excessive numbers of cattle; reaching numbers as high as 400 head. The purpose of the cattle fencing was to restrict livestock access to streamside habitats. By reducing inputs of point sources of contamination and sedimentation the stream will have improved water quality. The low-level crossing has allowed cattle to access a 6m section of Cobourg Brook for drinking water rather than all 411m of stream. The total area protected by fencing is 31,174m². Since the property was pastureland, it has very few trees present and is in need of riparian planting (figure 1). The Baker Road planting project will enhance riparian cover, aid nutrient uptake, improve water temperature and minimize erosion and sediment deposition. Native tree species will be planted within the fenced in area including eastern white cedar, silver maple, poplar, white pine and white spruce. This project was completed on May 5th, 2010, when 33 volunteers from the Community Stream Stewardship Program and other community members, planted 2,100 trees over 144 hours (figures 2 & 3).

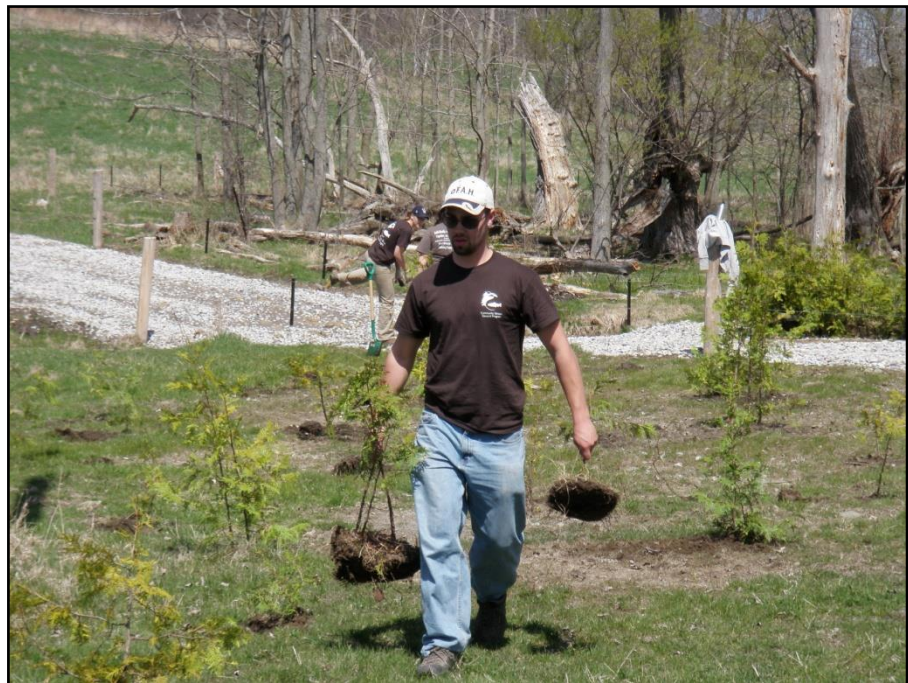


Figure 1: CSSP volunteer carries eastern white cedar trees to be planted in riparian area; behind him, the constructed low-level stream crossing is visible.



Figure 2: Volunteers planting trees in riparian area on Baker Road.



Figure 3: CSSP and other community volunteers planting trees along Cobourg Brook to stabilize soil.