



Habitat Restoration Project 2010

- Duffins Creek: Ajax, Ontario -

Greenwood Conservation Area Hydro Corridor Boulder Placement

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

Habitat Project Funding Lead: *OFAH*

Date Completed: *September 15, 2010*

This project was completed in occurrence with the Greenwood Conservation Area Hydro Corridor Root Wad Placement and Bank Stabilization Project. The bank stabilization project enhanced bank stability at the hydro corridor site, and the next step was to improve the habitat for fish species. Adding boulders into the water increases turbidity and oxygen movement in the stream. It also acts as a resting spot for Atlantic salmon on their migration upstream and a hiding spot for juvenile fish. On September 15th, 2010, Toronto and Region Conservation Authority staff and OFAH staff completed the boulder placement within Duffins Creek where the root wad and bank stability project took place, as well as underneath the new bridge at the hydro corridor site (figures 1, 2 & 3).



Figure 1: OFAH crew placing the boulders in the stream.



Figure 2: Finished boulder placement.



Figure 3: Boulders placed along the creek bottom in pods (groups of 3-5).