



## Habitat Restoration Project 2009

- Duffins Creek: Ajax, Ontario -

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### Greenwood Conservation Area Failed Gabion Basket Removal

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

Habitat Project Funding Lead: *OFAH*

Date Completed: *September 4, 2009*

On September 4<sup>th</sup>, 2009, 9 volunteers put in a total of 90 hours completing a gabion basket removal project on Duffins Creek in the Greenwood Conservation Area. The basket was failing to hold up the stream bank and was itself about to collapse into the water (figure 1). The team took apart the basket and redistributed the stone along 7m of the stream bank to create stability along the toe of the bank (figure 2). The stone will help to stabilize the soil from erosion (figure 3). Later, volunteers planted shrubs along the bank to increase stabilization and decrease erosion.



Figure 1: Failing gabion basket along Duffins Creek in Greenwood Conservation Area.



**Figure 2:** Volunteers disassemble and redistribute the gabion basket materials to other areas along the stream.



**Figure 3:** The completed stream restoration project with the river stone spread across 7m of the shoreline.