



## Habitat Restoration Project 2007

- Duffins Creek: Ajax, Ontario -

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### Greenwood Conservation Area Live Cribwall Installation

Habitat Project Lead: *Ontario Federation of Anglers and Hunters (OFAH) & Toronto and Region Conservation Authority (TRCA)*

Habitat Project Funding Lead: *TRCA*

Date Completed: *August 28<sup>th</sup>, 2007*

Restoration Services staff of the Toronto and Region Conservation Authority (TRCA) had previously identified an area of Greenwood Conservation Area as being in need of some bank stability improvements. This conservation area sees heavy foot traffic and the site was known as a good spot for locals to take their dog for a swim, it was often referred to as the "dog beach". On August 28<sup>th</sup>, the bank at this site was excavated and cedar posts were driven into the ground to form a support structure (figure 1). Additional cedar posts were used as crossbeams and then the excavator placed boulders inside the framework of cedar posts (figure 2). The boulders were brought up to a height of approximately one and a half meters, whereupon live cuttings of native willows and cedars were placed on top (figure 3). At this point, the cribwall was further backfilled with soil to bring it up to a height equal to the adjacent banks. The overall effect was that a contiguous bank was established through the construction of the cribwall. During the project proper in-stream sediment control methods were employed.



Figure 1: TRCA staff installing cribwall onto banks of creek.



Figure 2: Staff installing the crib wall at Greenwood Conservation Area.



Figure 3: Upon completion an OFAH staff member surveys the live cribwall.