



Habitat Restoration Project 2007
- Cobourg Brook: Cobourg, Ontario -

Els Property Bank Stabilization

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

Habitat Project Funding Lead: *OFAH*

Date Completed: *August- September 15, 2007*

The Els property is located on the Oak Ridges Moraine and has a small section of the East Branch of Cobourg Brook flowing through it. The landowner currently uses the property solely for grazing cattle on during the summer (figure 1). An earlier site visit determined that an alternate watering project was unfeasible for this site; however, there were some bank stabilization concerns. The cattle have degraded the banks and their presence contributed to increased sediment levels (figure 2). A local heavy equipment contractor was hired to re-grade the banks. Once this was completed, synthetic filter cloth was laid over the site and it was then backfilled with washed river stones and gravel, which aided in securing the river stone. One OFAH staff and two contractors completed the project, taking 5 hours and covered an area of 320m². The bank were stabilized after the contractor work was completed which increased the water quality and quantity at the site.



Figure 1: Cattle drinking from the stream on the Els property prior to contractor work.



Figure 2: Clear bank degradation from cattle trampling and access into stream.