



Habitat Restoration Project 2009

- Duffins Creek: Pickering, Ontario -

Transport Canada Pickering Lands Sideline 22 Culvert Removal

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

Habitat Project Funding Lead: *Canada-Ontario Agreement*

Date Completed: *October 27, 2009*

The Culvert Removal project was located on the Transport Canada Pickering Lands on the old Sideline 22 Road south of the Pickering Lands Site Office. An old culvert that was part of the road was exposed on top and starting to get plugged by a beaver (figure 1). The culvert was no longer needed at the site so it was completely removed. This project restored natural flows, improved water temperatures and minimized erosion and sediment deposition. On October 27th, staff from the MNR, the TRCA and the OFAH logged a combined (three staff) total of 12 hours to complete the removal of the culvert. The culvert was plucked from the stream in two six-meter long sections and carried out with a backhoe operated by the TRCA staff (figure 2). The stream banks had a fair bit of vegetation on them and once the culvert was removed stone was found along the toe of the bank and so no bank alterations was needed (figure 3).



Figure 1: Degrading culvert on Transport Canada Pickering Lands planned before removal.



Figure 2: Culvert being removed on Transport Canada Lands property in Pickering, Ontario.



Figure 3: TRCA staff observing the removed culvert location, which appears to be in good condition.