

LOCATION

Etobicoke Creek at Toronto Golf Club

PROJECT START

2006

SIGNIFICANT FEATURES

First barrier of the Etobicoke Creek upstream from Lake Ontario

PROJECT STATUS

TGC and their consultant are developing a design solution that will address concerns associated with the deteriorating structure and also allow for fish passage. Finalizing a design solution has been extremely challenging due to existing infrastructure downstream of the weir that could be impacted, as well as challenges associated with addressing high water volume and velocities that can flow through this reach during storm events and spring thaw.

NEXT STEPS

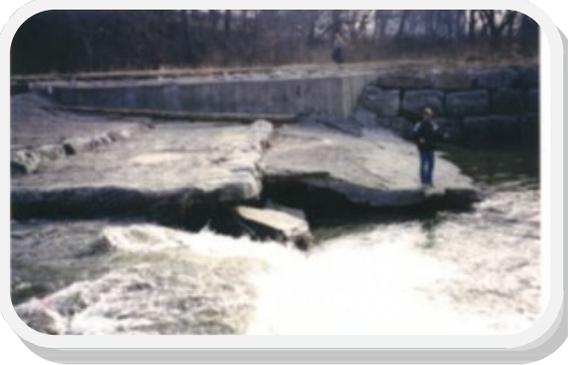
Work with TRCA staff and TGC consultant to determine a preferred design solution for the site and secure any additional funds required to support project implementation.

PARTNERS

TRCA
City of Toronto
Toronto Golf Club

For more information visit:
<http://trca.on.ca/the-living-city/watersheds/etobicoke-mimico-creek>

Etobicoke & Mimico Creek Watersheds



Project Description:

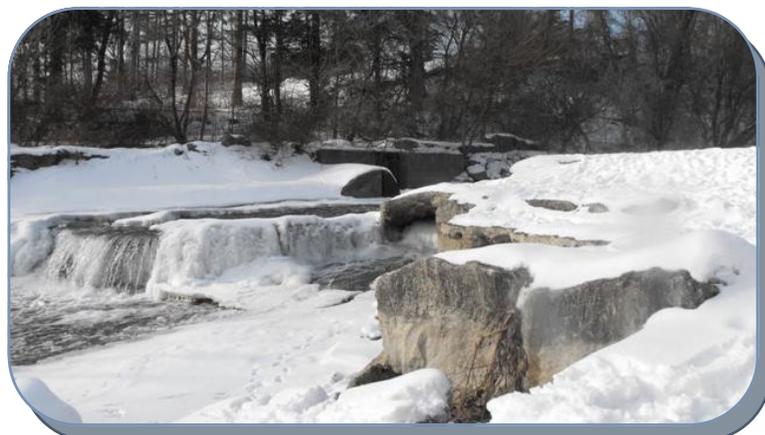
Over the 150 kilometres of Etobicoke Creek watershed there are 179 barriers to non-jumping fish and 125 barriers to jumping fish. These structures include dams, weirs, bridge abutments, pedestrian walkways, roads and other natural barriers. Although these obstacles present difficulties for native fish to the waters, they do help reduce invasive species such as sea

lamprey and round goby from entering the creeks which threaten native fish.

The fish barrier that is being targeted through this project is located on Toronto Golf Club (TGC) property and is approximately 1.0 km north of the mouth of Etobicoke Creek. This is the first barrier separating the river from Lake Ontario restricting access to many species to upper reaches of the watershed and fragmenting aquatic habitats. The second barrier on this watercourse is located 1.5 kilometres north of the TGC barrier.

Etobicoke Creek was once the primary source of water for irrigating the course. In the early 1900s a monolithic concrete weir and apron with adjustable stop logs was constructed on TGC property in an effort to ensure a steady supply of water to the pump-house and irrigation system. Due to the decline in Etobicoke Creek water quality, TGC switched to drawing water directly from Lake Ontario in 2001.

In recent years, extensive degradation of the structure has occurred raising concerns about the long-term structural integrity of the weir. TGC has been working with TRCA to develop and implement a solution that will address these concerns and also mitigate the barrier to allow for fish passage. The removal of this barrier will result in increased fish passage for resident and migratory fish species, an increase in the diversity of in-stream habitat, and the restoration of the normal sediment transport in a stream.



Etobicoke Creek Barrier Mitigation Project

