



### LOCATION

Located along Etobicoke Creek between Steeles Avenue (upstream) and Alfred Kuehne Boulevard (downstream) in the City of Brampton.

### PROJECT START

2011

### SIGNIFICANT FEATURES

Channel naturalization work and the majority of the riparian naturalization work has been completed.

### PROJECT STATUS

The channel naturalization work and the majority of the riparian naturalization work has been completed.

### NEXT STEPS

Remaining plantings will be completed by Spring 2014. Post-project monitoring to gauge success of plantings.

### PARTNERS

TRCA

City of Brampton

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

[trca.on.ca/the-living-city/watersheds/](http://trca.on.ca/the-living-city/watersheds/)

[etobicoke-mimico-creek](http://trca.on.ca/the-living-city/watersheds/)

### Project Description:

The Alfred Kuehne Boulevard Aquatic Habitat Restoration site is approximately 400 meters long. This stretch of creek is comprised of a concrete lined, straight channel and presents numerous restoration opportunities.

In ongoing efforts to revitalize Etobicoke Creek, TRCA and the City of Brampton selected this area due to negative impact from stormwater runoff in this highly urbanized location.

Increased vegetation through plantings of trees and shrubs will enhance habitat value and ecological functions required for a healthy stream. The creation of offline ponds or wetlands would provide a measure of flood control during storm events by limiting urban runoff and pollutants reaching the creek. Existing habitat will also be enhanced providing greater cover for bird, mammal and amphibian species within the area.

The restoration plan of this project will achieve the following:

- Removal of approximately 400 meters of impervious concrete channel;
- Restoration and naturalization of approximately 400 meters of Etobicoke Creek channel;
- Restoration and enhancement of approximately 12,000m<sup>2</sup> of valley lands along the Etobicoke Creek; and
- Planting approximately 4000 (1000 trees and 3000 shrubs) native trees and shrubs in the valley lands along Etobicoke Creek.



# Alfred Kuehne Channel Naturalization Project

