



Credit River Tributary Erosion Control – Credit Valley Golf and Country Club

2012 - 2013

Project Overview

A Municipal Class Environmental Assessment (EA) study conducted by the City of Mississauga in 2012 identified two areas on the Credit Valley Golf and Country Club (CVGCC) property where erosion had created risks to valley slope stability. The first study area was along the tributary which conveys stormwater into the Credit River Valley adjacent to the CVGCC clubhouse, located at 2500 Old Carriage Road.

The second study area was along the valley of the main branch of the Credit River adjacent to Ostler Court. Both areas have actively used lands bordering the top of the Credit River valley system where erosion could create the potential for collapse of the valley walls.

After consulting with local stakeholders, the City decided to rebuild the most critical sections to a stable slope in the first study area (tributary), and monitor, inspect and assess the second study area (the valley wall) annually until 2021. The objective of the works is to prevent the risk of valley wall failure created by erosion to protect adjacent property and minimize the impacts to surrounding terrestrial habitat and downstream fish habitat.

For more information:
mississauga.ca/portal/stormwater/programsandservices

Benefits

- Improve municipal watercourse infrastructure to mitigate risks to the environment and public health and property;
- Provide erosion protection and maintain natural river function;
- Enhance surrounding terrestrial habitat and downstream fish habitats;
- Minimize future maintenance and labour costs;
- Decrease property loss along the creek banks.

Funding

The total cost of the Credit River Tributary Erosion Control work including the planning, design and construction phases totalled approximately \$808,000. CVGCC shared the cost of this project, while the remainder was largely funded by municipal taxes.

Project Schedule

- Environmental Assessment and Design: 2012
- Public Consultation: 2012
- Construction: 2013