

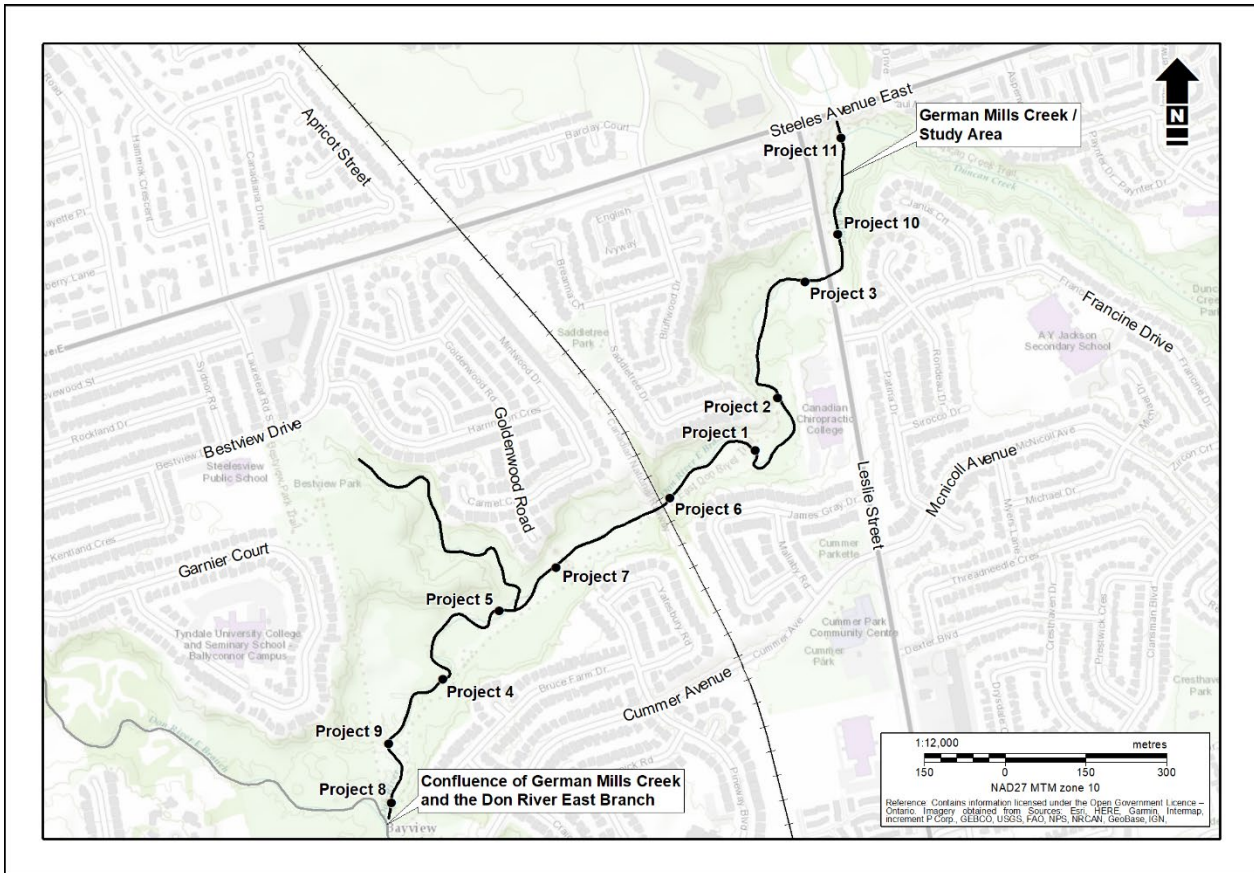
August 1, 2023

German Mills Creek Geomorphic Systems Master Plan

The City of Toronto has initiated a study to identify sewer and watermain infrastructure within German Mills Creek that are at risk of erosion from high flows due to storms and snow melt.

This study looks at how the City’s storm sewer and watermain infrastructure can be protected within the creek using recommended solutions to help reduce or prevent future impact. This will ensure the City’s infrastructure continues to operate and service residents and businesses. The solutions will be part of a Master Plan for the creek that is implemented over a multi-year period.

The public is invited to learn more about the study, ask questions and provide feedback on potential impacts of the recommended solutions.



Study Area

The study area is the two-kilometer length of German Mills Creek from Steeles Avenue East to where it meets the East Don River in the west.

<p>Learn More</p> <p>View project information on the website and provide feedback toronto.ca/germanmills</p>	<p>Attend a site walk</p> <p>Visit the study area with the project team to discuss the study recommendations and ask questions Friday August 18, 2023 (rain or shine) Drop in 9:00 a.m. – 11:00 a.m. Site walk at 9:00 a.m.</p>	<p>Provide Feedback</p> <p>Complete an online survey or request a printed copy. Submit comments by email, mail or phone. Comment deadline: Friday September 1, 2023</p>
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Meet at the trail entrance south of Steeles Avenue on the west side of Leslie Street.

This location is wheelchair/mobility device accessible. If you have a specific accessibility need or require accommodation, please contact us in advance.

Paid parking is available at the Canadian Memorial Chiropractic College at 6100 Leslie Street.

Study Details

The geomorphology of a creek examines how natural and human factors have shaped its form and function over time. Erosion can affect the path a creek follows (form) and the aquatic and terrestrial habitats the stream supports (function). Erosion results in gradual changes to the form and function of the creek and creek bed. Significant changes to water levels during storms have contributed to increased erosion, which poses risks to the City’s sewer and watermain infrastructure.

Impacts from erosion can be corrected and further prevented through natural channel design by reconstructing the bed and bank of a stream with natural rock and/or vegetation which allows for a new stable path for the creek. The following alternative solutions for natural channel design were evaluated for infrastructure at risk of erosion throughout the study area:

- Alternative 1: Do nothing, no improvements
- Alternative 2: Improvements through local works less than 200 metres
- Alternative 3: Improvements through local works less than 200 metres and floodplain connections
- Alternative 4: Improvements in a segment of the creek greater than 200 metres

Based on a risk assessment and evaluation, eleven recommended projects have been identified to address erosion impacting infrastructure by stabilizing the creek bed and banks of German Mills Creek. Six projects are recommended for local works less than 200 metres. Five projects are recommended for local works less than 200 metres with floodplain connections.

Future implementation of the recommended natural channel design projects requires:

- Tree removal, to be followed by restoration and replanting with native trees and shrubs
- Possible realignment of the pedestrian bridge located 500 metres west of Leslie Street

Temporary construction impacts will be communicated prior to construction.

The final design of each recommended project will be developed during a detailed design stage, following the approval of the Master Plan and prioritization of projects.

Process

The study is following the Municipal Class Environmental Assessment study process for Master Plans, which is an approved planning process under the Ontario Environmental Assessment Act and includes opportunities for public input.



Next Steps

A Master Plan report will be filed with the provincial Ministry of Environment Conservation and Parks and be made public for a 30-day review period.

More Information

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Information will be collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.