



RUISSEAU PARK RAVINE (BLUE WILLOW PARK) REHABILITATION

PHASE 1: CLASS ENVIRONMENTAL ASSESSMENT (EA) AND FUNCTIONAL DESIGN

PROJECT OVERVIEW

Uncontrolled stormwater runoff from the upstream existing development has resulted in widening and movement of the channel, causing erosion that is expected to impact adjacent properties if not addressed. The purpose of this study is to determine the best solution that will protect private and public property from slope instability, while minimizing long-term maintenance requirements and negative impacts to the existing ravine. As the study progresses, the public will be invited to review the results of the investigations and provide feedback on proposed alternative solutions.

2020 FIELD WORK SCHEDULE

Date (Week of:)	Discipline	Number of People On-site Firm	Duration Equipment	Description
April 27 th	Geotechnical	1 person <i>Wood Consulting</i>	< 1 day <i>No specific equipment</i>	Site walk conducted within the ravine to observe existing conditions and identify existing slope failures and potential areas of concern (future slope failures).
May 4 th	Surveying	2 persons <i>Annis O'Sullivan Vollebelkk Ltd.</i>	Approx. 3 days <i>GPS, survey rod</i>	Topographic survey of the creek, pathway, stormwater management facility, municipal infrastructure and slope stability areas.
May 11 th	Ecology	1 person <i>Wood Consulting</i>	2 x 1 day <i>No specific equipment</i>	Site walk to assess vegetation, trees and species at risk. Staff will be walking through the ravine taking notes and photos.
May 18 th	Stream Morphology	2-3 persons <i>Coldwater Consulting Ltd</i>	1 day <i>Light portable equipment</i>	Stream geomorphic field survey, taking measurements and using erosion metering equipment. These qualitative assessments will be used to evaluate channel stability.
May 25 th	Geotechnical	3 persons <i>Wood Consulting Strata Drilling</i>	Approx. 3 days <i>Drill rig</i>	To support the slope stability investigations, a drilling rig will come on-site to drill eight boreholes. Depending on access and conditions, a handheld auger will be used instead near the toe of the ravine slope.
May 25 th	Surveying	2 persons <i>Annis O'Sullivan Vollebelkk Ltd.</i>	1 day <i>GPS, survey rod</i>	Topographic survey of any areas requiring additional survey.

PROJECT STUDY AREA



For more information, please contact:
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