

PROJECT UPDATE



Date: August 31, 2021
To: Ken McIlwain
From: Jacob Scissons
Subject: **BELLA COOLA VALLEY FLOOD RISK ASSESSMENT AND MODELLING
PROJECT UPDATE – AUGUST 2021**

The following is a summary of key dates, recently completed activities, and next steps for the Bella Coola Valley Flood Risk Assessment and Modelling project.

KEY DATES

- The Completion Date for the EMBC Disaster Mitigation Unit Grant has been extended to September 30, 2022.

RECENT WORK COMPLETED

- The BC Orphan Dike Assessment reports have been reviewed and content that aligns with / complements this project has been identified.
- Available bridge structure record drawings have been requested from the Ministry of Transportation and Infrastructure (MOTI) which will be used to determine channel conveyance cross sections at specific locations.
- The natural hazards assessment approach and scope have been confirmed. Phase 1 work is being coordinated and will focus on a review of slope stability risks in existing / future development areas throughout the Valley.
- The analysis and modelling approach has been developed and the project team is gathering and preparing the input parameters. The extents of 1-dimensional modelling for rural areas vs 2-dimensional modelling for select developed portions of the Valley are being refined.

NEXT STEPS

- The scope for further topographic survey or natural hazards assessment work will be developed.
- Preliminary communication and engagement strategies are being developed and will be advanced in the next phase.
- The hydraulic analysis will be initiated.
- The scope of work for the subsequent phases of work will be drafted.

Sincerely,
URBAN SYSTEMS LTD.


Jacob Scissons, P.Eng.
Project Manager

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