

PROJECT UPDATE



Date: February 3, 2022
 To: Ken McIlwain
 From: Jacob Scissons
 Subject: **BELLA COOLA VALLEY FLOOD RISK ASSESSMENT AND MODELLING
 PROJECT UPDATE – JANUARY 2022**

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 is September 30, 2022. Discussions are underway with EMBC to provide an extension to allow sufficient time to complete the analysis / mapping.

RECENT WORK COMPLETED

- The supplementary topographic survey fieldwork was completed in late October. This survey captured approximately 12 bank profiles and 3 bridge structures along the Bella Coola River to determine channel conveyance cross sections at specific locations. This information is being entered into the model.
- 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 have been refined.

NEXT STEPS

- The Phase 2 interim / summary report will be finalized as work is now shifting into Phase 3.
- The scope for the next phase of natural hazards assessment work will be developed.
- The hydraulic analysis will be advanced.
- Public engagement, mitigation planning, and policy development will be completed in future project phases.

Sincerely,
URBAN SYSTEMS LTD.


 Jacob Scissons, P.Eng.
 Project Manager

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