

PROJECT UPDATE

Date: April 29, 2022
To: Ken McIlwain
From: Heather MacKnee, Jacob Scissons
Subject: **BELLA COOLA VALLEY FLOOD RISK ASSESSMENT AND MODELLING
PROJECT UPDATE – APRIL 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 topographic survey completed in late October, in combination with the LiDAR data for the region, has been entered into the 1-dimensional model. The model is in draft working form, pending detailed review.
- The specific design flow inputs for the Bella Coola River and tributaries (design hydrographs) are being developed and model calibration information has been gathered.
- The natural hazards assessment approach and scope are being confirmed. Phase 1 work will focus on a review of slope stability risks in existing / future development areas throughout the Valley.

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, including model calibration.
- Public engagement, mitigation planning, and policy development will be completed in future project phases.

Sincerely,
URBAN SYSTEMS LTD.


Jacob Scissons, P.Eng.
Project Manager

U:\Projects_KAM\338310007\031C-Correspondence\C1-Client\2022-04-29 Bella Coola Valley Flood Risk Assessment and Modelling - April 2022 Update.docx

