

# PROJECT UPDATE



Date: July 6, 2021  
To: Ken McIlwain  
cc: Heather MacKnee  
From: Jacob Scissons  
Subject: **BELLA COOLA VALLEY FLOOD RISK ASSESSMENT AND MODELLING  
PROJECT UPDATE – JUNE 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 topographic survey (to supplement the LiDAR data) has been completed for select tributaries. Additional survey will be scoped out focusing on surveying channel cross sections at bridge structures on the Bella Coola River.
- Available bridge structure record drawings have been confirmed with the Ministry of Transportation and Infrastructure (MOTI) and review will be initiated parallel to survey efforts.
- 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. This has been developed in conjunction with review of the BC Orphan Dike Assessment work to facilitate alignment between the two initiatives.

## NEXT STEPS

- The scope for further natural hazards assessment (beyond phase 1) 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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