

# PROJECT UPDATE



Date: February 5, 2021  
To: Ken McIlwain  
cc: Heather MacKnee  
From: Jacob Scissons  
Subject: **BELLA COOLA VALLEY FLOOD RISK ASSESSMENT AND MODELLING  
PROJECT UPDATE – JANUARY 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 is September 30, 2021.

## RECENT WORK COMPLETED

- The phase 1 summary report has been submitted to UBCM / EMBC and is under review.
- The scope of work for the topographic survey (to supplement the LiDAR data) has been advanced and will focus on surveying channel constrictions at bridge crossings and similar.
- The approach for the natural hazards assessment is being developed, which will focus on assessment of the tributaries / alluvial fans where a landslide, debris flow, or similar would have the most severe impact.
- The analysis approach has been refined to ensure that the floodplain mapping and associated hydrologic / hydraulic outputs align with the study objectives.

## NEXT STEPS

- A work program / quotation will be retained to conduct a topographic survey of bridge structures (to assess conveyance capacities).
- The natural hazards assessment framework will be completed, including a detailed scope of work / terms of reference to proceed with the work.
- The analysis / modelling approach will be reviewed with the project team and EMBC to gain input and support.
- The scope of work for the subsequent phases of work will be drafted.

Sincerely,

**URBAN SYSTEMS LTD.**

A handwritten signature in black ink, appearing to be 'J Scissons', written over a light blue circular stamp.

Jacob Scissons, P.Eng.  
Project Manager

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