

**Thompson Watershed Disaster Mitigation Advisory Committee**  
**10:30AM to 11:45AM, Thursday August 16, 2018**  
**Fraser Basin Council office, 200A-1383 McGill Road, Kamloops and conference call**  
**Meeting summary as at August 17, 2018**

**Meeting Objectives**

- Update on the status of the project to date
- Review the project memo "NDMP 2019 Stream 2 Project Site Long List" Aug 8, 2018
- Review the draft scoping study dated July 15, 2018
- Discuss next steps, future meeting dates

**Participants (all by phone unless noted)**

- Sylvia Chow, Regional Manager, Emergency Management BC (EMBC)
  - Tom Hansen, Emergency Program Coordinator, Columbia Shuswap Regional District
  - Kris Holm, Senior Geoscientist, BGC Engineering Inc.
  - Charlene Menezes, Program Manager, Flood Management, Fraser Basin Council
  - Diana Norgaard, Councillor, City of Merritt (in person)
  - Al Richmond, Director, Electoral Area G, Cariboo Regional District
  - Steve Schell, MFLNRORD\* (from 11:00AM)
  - Mike Simpson, Regional Manager, Thompson, Fraser Basin Council (facilitator, recorder)
  - Jan Thingsted, Long Range Planner, Columbia Shuswap Regional District
- \* *Ministry of Forests, Lands, Natural Resource Operations and Rural Development*

**1. Welcome, Introductions, Agenda and Objectives**

Mike Simpson welcomed everyone, Secwepemc territory was acknowledged, and introductions were made around the room. The agenda and objectives were reviewed and accepted.

Regrets were sent from Thomas Blank, Chelsea Enslow, Bill Kershaw and David Lawrence.

**2. Meeting Summary from April 23, 2018**

The meeting summary from April 23, 2018 was approved. All actions were completed and/or will be discussed today.

**3. Project Status**

Items 3, 4 and 5 had a presentation file named *20180815 Advisory Committee Update Thompson Project EMBC Presentation.pdf* that Kris Holm spoke to; it was emailed to participants the day before the meeting, and is circulated again with this meeting summary.

Earlier in the summer, Jan Thingsted alerted Mike and Kris that the EMBC funding application for subsequent phases of this work was due by August 31, not early October as Mike had anticipated on the basis of the 2016 process. While work was proceeding on literature review, gathering geographic information on the built environment, and drafting the scoping study, in

the last few weeks the effort has focused on preparing a funding application for hazard mapping.

A request for screening-level hydraulic modelling has been made to EMBC, in the event there are surplus funds available in this current fiscal year. This does not replace the detailed flood hazard mapping that needs to be done, but gives a coarse indication of the extent of areas that would be flooded, the depths and velocities that would inform further work.

#### **4. NDMP Stream 2 and 4b Project Site Long List**

The project memo "NDMP 2019 Stream 2 Project Site Long List" dated Aug 8, 2018 was circulated on August 8 and again August 14 to advisory committee members was reviewed. Kris explained the rationale of how these 18 clear-water flood hazard areas, 10 alluvial fans (steep creek), and 4 landslide-dam flood hazard areas were arrived at, totalling 2600km<sup>2</sup> as well as the areas proposed for LiDAR acquisition.

Feedback from those present:

- Confirm whether LiDAR is to cover just rivers, or also lakes, in particular Scotch Creek and other communities in the North Shuswap
- Consider hazard mapping further upstream the Eagle River to Three Valley Gap, that's a problematic area for slides
- Consider LiDAR and/or hazard mapping for the south end of Adams Lake, there are houses, lakefront properties and Interfor's sawmill
- South Cariboo - main problem area is identified as Horse Lake to Canim Lake; a secondary area to consider for future more detailed study is Deka Lake to Horse Lake
- Merritt/Nicola areas look appropriate, but it was noted that the communities are looking at a more comprehensive plan and need short-term and long-term mitigation after two devastating flood years (Kris suggested short-term work done in Canmore, Alberta could be valuable to review as options for Merritt)
- Question asked about how wildfires and climate change impacts are being considered; Kris noted that they are considered in the geohazard ratings

Participants were comfortable with an NDMP funding application as presented in the Aug 8, 2018 memo, with consideration given to the feedback above.

#### **5. Scoping Study**

The draft scoping study, dated July 15, 2018, is essentially the outline of the final report that provides a framework that enables consistent approaches throughout a watershed, and also for different watersheds. BGC Engineering is doing a similar scale project in Regional District of Central Kootenay (slightly ahead of our Thompson project), and commencing one for Squamish-Lillooet Regional District this fall.

A web-based map to display the built environment, the hazards and the base data will be a key deliverable from the current study; it will be hosted by BGC Engineering Inc. for up to one year after the project is completed. There is a need to consider long-term hosting of this web-map and the information, not just within the Thompson watershed, but at a provincial

and national scale too. If not the province, consider Fraser Basin Council (funding would be needed) or ICI Society.

## 6. Next Steps

The following are the next steps or action items:

- Fraser Basin Council, in partnership with BGC Engineering Inc., to submit two applications to EMBC by August 31, 2018 (Stream 2 - flood mapping and Stream 4b LiDAR acquisition)
- Mike will email participants of the Feb 14, 2018 kick-off meeting, administrators of local and First Nations governments in the Thompson River Watershed (4 regional districts, 15 municipalities, and 26 First Nations governments or tribal councils and cc Advisory Committee members before August 31, 2018 to inform them that an application is being submitted
- EMBC reviews proposals, and submits those that they support to Public Safety Canada by October 31, 2018
- Regular work on the current funded risk assessment project continues
- If any local government needs information from this current project to support a [UBCM Community Emergency Preparedness Fund](#) application (due Feb 22, 2019), contact Kris
- Sylvia and Steve to raise the need for provincial support to host web maps, final deliverables within EMBC and MFLNRORD, and liaise with Kris
- Mike to follow up with Paula Cousins at Ministry of Transportation and Infrastructure about being part of this Advisory Committee

## 7. Proposed Future Advisory Committee Meeting Schedule or Email Correspondence

The following are the upcoming milestones in the contract, and the agreed upon approach to engage:

Milestone	Approach to Engagement
Late February - presentation of draft report; review draft report	In person meeting*

\*Participation by conference/video call is an option as per the terms of reference

Draft agenda for next meeting:

- Review and approve last meeting summary
- Presentation of draft report
- Review draft report
- Web-mapping product and future options for hosting the information/data warehouse
- Funding application update
- Next steps