



Flood Mitigation Measures Assessment

Community Advisory Group

Meeting #2 Summary

April 6, 2016

Attendees: Project Team (Carolyn Bowen [co-lead], Darrell Sargent [co-lead], Darren Todd, Pamela Reid, Sandra Davis, Zarina Mackie, Lyndia Peters [Facilitator]), Community Advisory Group members (18 members in attendance)

Meeting Summary – April 6, 2016

1. Welcome and Introductions
2. Report Back on Action Items from the last meeting
 - Information package provided.
 - There are many ideas and questions to be shared by the group. All members are encouraged to capture questions, ideas and perspectives on sticky notes and place the sticky notes on the "Great Ideas Wall". The Great Ideas Wall will be set up at every meeting. The questions, ideas and perspectives will be collected by staff and will be addressed by one or more ways:
 - brought forward for discussion with the group when the topic is being discussed
 - answered/resolved at the next meeting
 - Incorporated into future meetings.
3. Terms of Reference (TOR): The TOR was revised to include comments received from the CAG. It was not finalized during this meeting.
4. Purpose and Scope:
 - The CAG is focusing on medium (4-10 years) to long-term mitigation (10+ years) options that will consider the environmental, social and economic impacts on the community. However, the activities currently underway and occurring in the short term (<4 years) will impact and could be impacted by the medium and long-term options.
5. Group Expectations
 - A group exercise explored the variety of perspectives of group members and their expectations for the CAG.
6. Group Conduct
 - A group exercise identified a number of rules for the group to follow.
7. Introduction to Flooding Presentation – Sandy Davis
 - Discussion and questions arising from the presentation:
 - City tax payer dollars used for flood mitigation should be allocated judiciously.
 - It is important to think about the value of the natural environment/riparian areas in flood mitigation.
 - The social impacts of flooding need to be considered.
 - Be aware of and acknowledge the environmental benefits of flooding.
 - The City should do a cost-benefit analysis of buying out significant numbers of homes/buildings in flood hazard areas for conversion to park space.
 - Groundwater infiltration is impactful and an important consideration for mitigation.
 - Private landowners should be financially responsible/share the risk for choosing to live in flood prone areas.
 - Using up to date flood mapping is important. Will The City's Land Use Bylaw maps be updated?
 - There is a need to consider both structural and non-structural options.



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- It's important to have accurate flood warning systems in place to give people as much time as possible to construct temporary barriers and evacuate.
- What does the City's emergency response plan consist of?
- The City needs to link into The Province with respect to mitigation measures & mapping.
- What is the role of the BRWG (Bow River Working Group)?
- Mitigation should include both upstream and downstream measures & impacts.
- The current "flood-replace, flood-replace" approach should end in favour of a more progressive and comprehensive approach.
- The impact of the Springbank dry dam needs to be considered in The City's mitigation approach- what is the timing of building the dam?
- When will the final IBI phase 1 (re. damage model) report be finished?
- Discussion on the probability of flooding; and that probability increases the longer a flood event has not occurred.

Key Outcomes and Messages

- The CAG identified the group's ground rules. The facilitator will post the ground rules at each meeting and will ensure the ground rules are followed at every meeting.
- CAG members learned about flood inundation mapping and risk mapping and how The City uses mapping in its flood risk management.
- The CAG discussed what a 1:10, 1:20, 1:50, 1:100, and 1:200 means and how it is used in flood management.

Next Steps

- CAG members will finalize the Terms of Reference.

Materials:

- Terms of Reference - Final (presented April 6, 2016)