

# Flood Task Force Committee (Infrastructure Group)

**Monday, March 17<sup>th</sup>, 2014 — HSCA — 6:30 p.m.**

*- See slides for more details on presentation content -*

- 1. Welcome and Introductions - Charlie Lund, 10 min**
  - a. Special guests from the province doing a presentation for us
- 2. Water and weather forecasting to support flood response efforts - David Ardell & Evan Friesenhan, 60 minutes**
  - a. Flood forecasting and Methodology in Alberta - Alberta Environment and Sustainable Resource Development
  - b. Please see slides for details.
  - c. Suggestion for introducing webcams in key locations in the mountains to give contextual information along with measuring devices already in place in the rivers.
  - d. Run three scenarios, low point, midpoint and high point so the city and the province are ready for all three events.
  - e. Their emergencies response plans go off the river, not the province.
  - f. Two options, faster response with less accuracy or a slower response with more accuracy
  - g. Questions around why the flood warning was not sent out earlier. The general consensus is that the province and the city knew there was something going on but had no metrics to figure out how bad it was actually going to be.
  - h. A new app! Yay!
- 3. TransAlta management of upstream reservoirs with flood prevention in mind - Roger Drury, 20 minutes**
  - a. Has completed assessment of options, not as optimistic as Alberta WaterSMART's model.
  - b. Hydroelectric company, have to develop a commercial agreement with someone and develop how the whole thing would work.
  - c. Minnewanka problem
- 4. Objectives / Terms of Reference of the Bow River Basin Study to be done by AMEC - David Ardell, 20 minutes**
  - a. Focus on drought instead of flood for now.
  - b. A Dam: Lots of factors that have to be considered when building a dam, one of the biggest being price and speed.
  - c. Spring readiness that is going on with the city of Calgary and the entire province.
  - d. Not going to have anything built by May, but need readiness now.
  - e. Hiring a special geologist that understands these dynamics.
  - f. Willing to come back to the group to talk later. Says the government is very keen on sending out the information as soon as possible.
  - g. Possible that there are more land solutions that haven't been discussed.

**Next meeting: March 24th, 2014**

**\*Please send presentations once you get them\***