

- Charlie Lund, Hillhurst Sunnyside Community Association @ SPC-UCS May 9, 2018
- We support a major Upstream Mitigation project on the Bow River in the form of a new or enlarged dam and reservoir as an essential part of protection for Calgary.
- The major Upstream Mitigation project must be built ASAP, with 15 years to completion a reasonable estimate (minimum 11 years, maximum 25++ years).
- Until project completion Sunnyside remains vulnerable to major damage from a flood as small as 1:40 (the 2013 flood was a 1:70 event).
- There is a ~30% probability of a flood of 1:40 or greater in the 15 years required to complete the Upstream Mitigation project.
- A ~30% chance of major flood damage is unacceptably high.
- Enhanced community level mitigation is required to reduce the risk to be tolerable - need a higher riverside flood barrier/berm.
- The Sunnyside barrier/berm must be evaluated and the design adjusted to the appropriate height given the risks present.
- If a barrier/berm with 1:70 capability can be built in 2 years the chance of a 1:100 flood causing damage drops to ~2% while we wait for the new dam to be completed.

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