



# Lake Creek Watershed Flood Mitigation QUARTERLY PROJECTS UPDATE



JANUARY 2016

## Recent Accomplishments

- ✓ Dam 101 – The field work associated with the geophysical program is complete. Analysis of the data collected will guide the geotechnical drilling program that is required for the dam's foundation design.
- ✓ Dam 101 – The engineer was authorized to proceed with additional environmental investigations, modeling and analysis, and material planning tasks.
- ✓ Dam 102 - The UBCWCID Board authorized an engineering services contract to investigate environmental and geologic conditions as well as potential dry utility conflicts. The field effort is well underway.

## Current Activities

### COORDINATION & FUNDING

- The City and UBCWCID are developing strategies with several partner permitting agencies to streamline the regulatory process as much as practicable. Efficient permitting can result in time and cost savings.

### DESIGN & PERMITTING

- Dam 101 - The engineer is finalizing modeling and analysis that will set the top of dam elevation. This is one of the final steps required to determine future easement needs. Additional analysis is underway to evaluate available near site materials to determine likely dam design.
- Dam 102 - The UBCWCID Board is expected to take action in fiscal year 2016 that would authorize design and permitting phases. The first step will be to complete the concept design, which will identify the optimal location and height of the dam based on field conditions, and will determine future easement needs.

## Next Major Milestones

### DAM 101

- Project goal is to start preliminary design by Summer 2016.

### DAM 102

- Project goal is to start final design by Summer 2016.

## Project Managers

### Dam 101

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### Dam 102

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