

# FAIRMONT HOT SPRINGS FLOOD & LANDSLIDE



COMMUNITY UPDATE // JUNE 2022



## COLD SPRING CREEK PROJECT UPDATE

The engineering design team comprised of engineers from McElhanney and BGC Engineering Inc. has been working on the preliminary design of a debris flow mitigation structure on Cold Spring Creek. Following the presentation last June, the RDEK was approved to proceed with the “Combined Option” project meaning the debris net has been replaced with the opportunity to construct a larger structure (large berm and debris basin) which the project team believes will best serve the community with the funds available.

If all goes well, the hope is to have a first construction contract in place this summer for work to begin in September. This year’s work would encompass relocating some existing community watermains, construction of an access road as well as clearing and preliminary excavation throughout the site. The work would be visible from the community and would have an unfinished look until completion of the second construction contract anticipated in 2023.

The RDEK is grateful to Fairmont Hot Springs Resort, who own the large lot on which all the work is located, for their continued support and cooperation for this project and its changing scope.

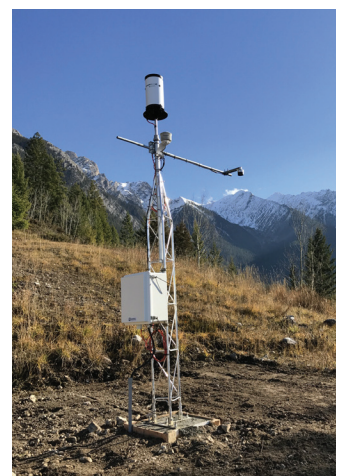
## DEBRIS FLOW WARNING SYSTEM

There is some funding set aside from the Fairmont Creek Debris Flow Mitigation Phase 2 and 3 for developing a debris flow and debris flood warning system for the community. The warning system would provide another important layer of protection for the community to compliment the structural mitigation that we have constructed and have planned for the future. The RDEK has engaged BGC Engineering Inc. to design and implement the warning system. The proposed system would:

- Use forecasted weather to anticipate conditions which may trigger debris flows on Fairmont or Cold Spring creeks with the hope that people can be aware and take appropriate actions,
- Monitor real-time weather to identify weather conditions, which may trigger debris flows on Fairmont or Cold Spring Creeks.

## ANNUAL DIKE MAINTENANCE ACT REPORTING

Under the Dike Maintenance Act, the RDEK is required to complete a thorough annual inspection of all dikes and dams under its authority and submit an inspection report to the Province through the Inspection of Dikes. These reports provide documentation of the inspections, maintenance and construction that occurs throughout the year and are especially important in demonstrating that our infrastructure is properly maintained and ready for an event. The 2022 inspections of Fairmont and Cold Spring Creeks were completed in May.



*Photo of the weather station from when it was installed in 2016. This weather station will form an integral part of the Warning System.*

## COMMUNICATION

As the projects progress, it is important that property owners in the Fairmont Hot Springs Community are able to receive information from the RDEK.

Here are some key ways you can stay informed:

- Please sign up for the RDEK email group if you are not already signed up ([https://www.rdek.bc.ca/about/email\\_group\\_sign\\_up](https://www.rdek.bc.ca/about/email_group_sign_up))
- Please sign up for the *Voyent Alert!* Evacuation Notification System. Visit the Emergency Info page on [www.rdek.bc.ca](http://www.rdek.bc.ca) for details.
- Bookmark the project page for the latest reports, Q and A and project information, and to submit questions via the Q and A tool: <https://engage.rdek.bc.ca/debris>

Kara Zandbergen, the RDEK’s project lead, has taken a few months leave. In her absence, please email [engineeringdept@rdek.bc.ca](mailto:engineeringdept@rdek.bc.ca) or contact the RDEK office at 250-489-2791 or 1-888-478-7335.



*PICTURED: Fairmont Hot Springs Resort’s dam on Cold Spring Creek in the vicinity of the project*



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