

This update aims to inform Lillooet Lake Estates (LLE) community members about the current status of the project and connect you to the project webpage: [slrd.bc.ca/catilinedfm](https://www.slrld.bc.ca/catilinedfm). We have included background information in this update for new community members.

Background:

The Squamish-Lillooet Regional District (SLRD) has worked with the community of LLE for a number of years on items related to the [debris flow hazard at Catiline Creek](#). Here is a timeline of key events leading to project initiation in 2023:

October 2016 - *Catiline Creek at Lillooet Lake Estates Preliminary Design of Debris Flow Mitigation Works Final Report* completed by Kerr Wood Leidal Consulting Engineers (KWL). Report was funded by LLE, with a financial contribution from SLRD.

September 2022 - Property owners and the site owners / shareholders LLE petitioned the SLRD to establish a service to design, construct, operate and maintain a debris flow mitigation structure at Catiline Creek to mitigate risk to the community and to borrow up to \$4 million for the purpose of designing and constructing a debris flow mitigation structure (both full and phased project options). The cost of the service establishment and loan repayments are to be requisitioned via parcel tax to LLE property owners, starting in 2023. Details are included in the [2023-2027 Financial Plan](#).

December 2022 - The SLRD adopted the bylaws to establish the service and loan authorization and assumed the role of project lead, continuing to work with LLE. Under this arrangement, the SLRD will own and operate the completed debris flow mitigation structure. Details can be found on the [service establishment and loan authorization bylaw project page](#).

In partnership with LLE, the SLRD applied for two grants - the Community Emergency Preparedness Fund - Disaster Risk Reduction - Climate Adaptation (CEPF) and the Canada-British Columbia Investing in Canada Infrastructure Program – Green Infrastructure: Adaptation, Resilience, and Disaster Mitigation (ICIP).

January to March 2023 - The SLRD was notified that the CEPF application was successful (\$2 million), enabling the SLRD to proceed with the Phase 1 of the project. The SLRD hired Mike Strain of Capex Project Advisory Services Inc. as Project Manager and project was initiated.

Project Overview:

The project is to design, construct, and establish operation and maintenance of a debris flow mitigation structure for the Catiline Creek at Lillooet Lake Estates (LLE). The objective of the project is to reduce the risk to the community and potential for loss of life by increasing capacity of the existing channel to manage future debris flows up to 100,000m³ through the community, under a new forest service road bridge, and into Lillooet Lake. Details of the project scope, current funding and approved budget can be found on the project website:

<https://www.slrld.bc.ca/catilinedfm>

Timeline:

The project is expected to take two to four years to complete. The current schedule is:

2023	2024	2025
Detailed design, permit applications	Phase 1 construction	Phase 2 construction

Detailed design is anticipated to be complete in the spring of 2024. The project consists of two phases with Phase 1 being the lower section of the creek and Phase 2 the upper section. The exact scope and schedule for each phase will depend on a number of factors including but not limited to: estimated costs, approval of funding, finalizing right of way agreements, regulatory permitting, and progress of the design work. Further detail, including changes to schedule as may be required, will be communicated in future community updates.

Project Governance:

The SLRD continues to work closely with LLE on this project through the Project Steering Committee and regular coordination and communication meetings. The Project Steering Committee includes senior SLRD staff, the project manager, and Gary Young acting on behalf of the LLE Board in an advisory capacity.

This committee meets monthly to provide project oversight, and will make recommendations to the SLRD Board for items requiring decisions or approvals.

Progress Update:

- [August/September 2023](#) – Project engineering design phase began with the SLRD’s consulting engineers Kerr Wood Leidal Associates Ltd (KWL).
- [October 25, 2023](#) - A status update was provided to the SLRD Board at their October 25, 2023 Meeting. You can [read the report](#) or [view the recording](#).

Upcoming Milestones – November 2023:

- Review the 50% design and 2023 cost estimate reports submitted by KWL. This is an important update to the preliminary design work completed in 2016.
- Additional site visits – consultants will be back on site to complete remaining work, including a timber cruise and survey (weather permitting). Dates will be provided to LLE representatives to communicate.
- Receive results of ICIP-Green ARDM application – the results are anticipated in Fall 2023 and will inform budget discussions.
- Continue work on permitting, coordination with stakeholders and First Nations engagement

Contact:

We appreciate the support of the community members during this important project. We are committed to keeping you informed and will provide another update once we reach our next milestones. If you have any questions or concerns, please do not hesitate to reach out to your LLE representative, or the SLRD staff listed on the project webpage: slrd.bc.ca/catilinedfm