

Ladore Spillway Seismic Upgrade Project – Community Construction Report #5

November – December 2025

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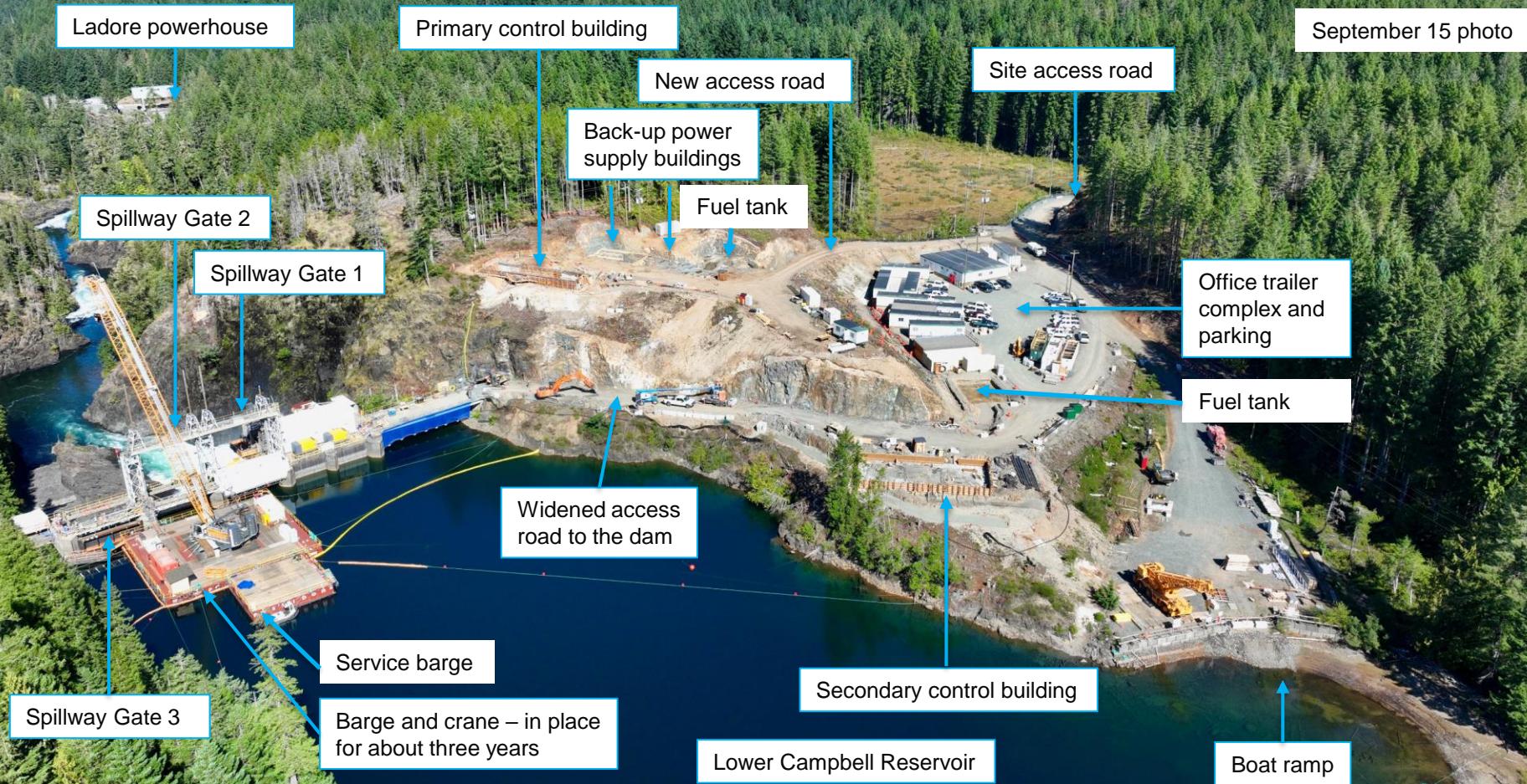
Project status and schedule

- Ladore Spillway Seismic Upgrade Project video #2 has been released:
<https://vimeo.com/showcase/12024346?video=1146677698>
- As of November 30, our Aecon EBC Ladore General Partnership contractor has had 117,920 hours of work without a lost time accident.
- Ongoing site preparation work to prepare for the access roads, the two control buildings, and two back-up power supply buildings, fuel tanks for back-up power supply units, and duct bank work from the two new control buildings to the new spillway gates.
- Ongoing replacement work of spillway gate 3. Completion in 2026.
- Ongoing drilling of steel anchors through the concrete dam into the bedrock for better seismic resiliency.

December 2: Work on the Ladore Dam spillway gates.



The Ladore project site map



Construction photos: Ladore Dam

November 3: Closer view of the work activities to support the replacement of Spillway Gate 3, and the steel anchor drilling work.



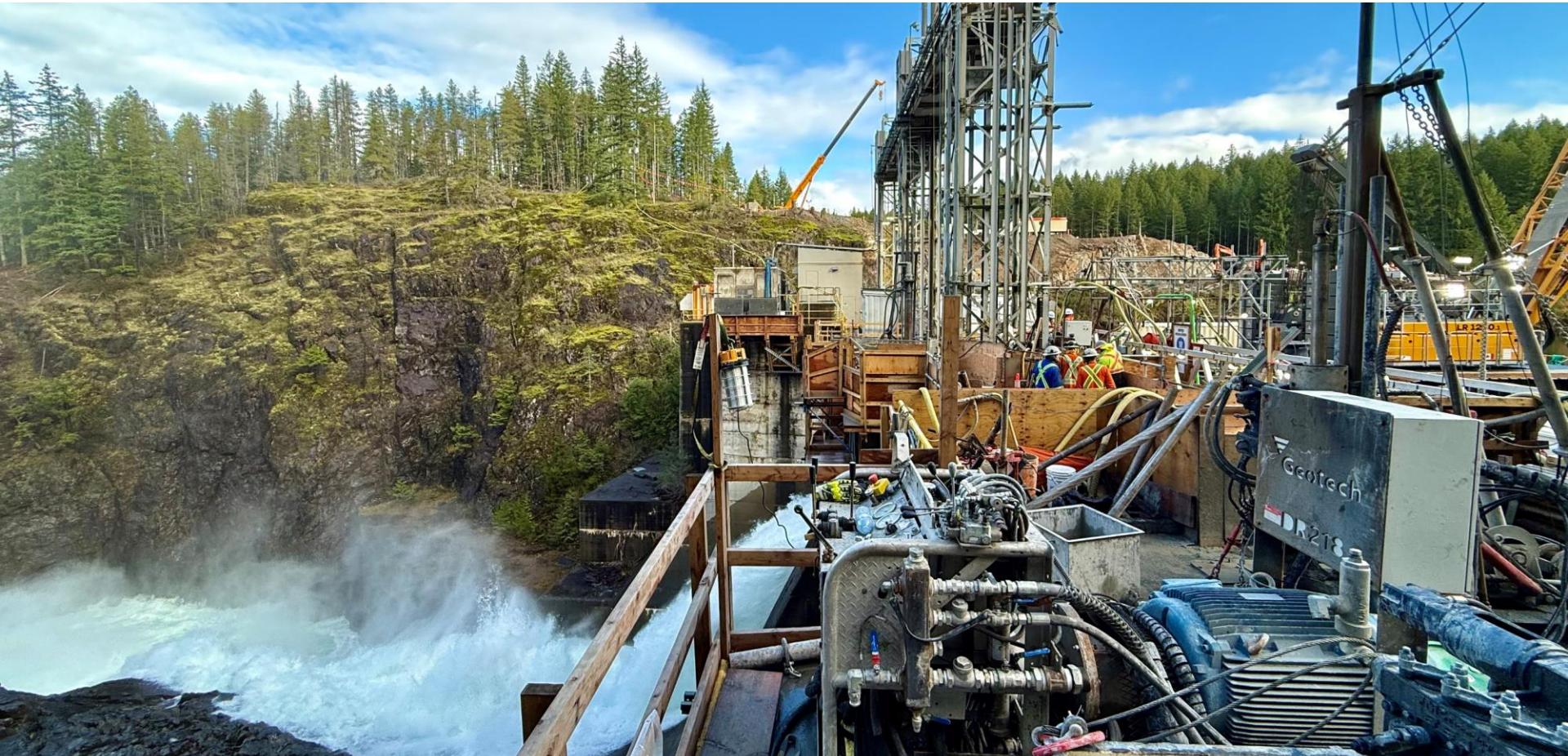
Construction photos: Ladore Dam

November 7: Crews installed various access areas to enable the preparation and installation of steel beams and supports for the new concrete hoist deck.



Construction photos: Ladore Dam

November 7: View from the far side of the dam of the work on Spillway Gate 3 and the water release from Spillway Gate 1.



Construction photos: Ladore Dam

November 7: The anchor drilling work in the foreground and the work activities on Spillway Gate 3.



Construction photos: site work

November 3: Work on the secondary control building and duct bank, with Lower Campbell Reservoir in the background.



Construction photos: site work

November 19: Forming on the secondary control building.



Construction photos: site work

November 19: Rebar work on the primary control building.



Construction photos: site work

November 19: The two back-up power supply buildings. The secondary control building is in the background.



Construction photos: site work

December 2: Work on the foundations for the back-up power supply buildings.



Construction photos: site work

December 2: A lower site view of the back-up power supply building foundation on the left and the fuel tank foundation on the right.



Construction photos: site work

December 2: Concrete curing for the foundation for the primary control building.



Construction photos: site work

December 2: The roof in place on the secondary control building and ready for the placement of the siding.



Construction photos: site work

December 2: A look at the secondary control building from the reservoir side.



Construction photos: spillway gates

December 2: Work area at the Ladore Dam.



Construction photos: spillway gates

December 2: Work on the downstream side of the dam and the spillway gates.



Construction photos: site work

December 9: Drilling for the support pedestals for the cable tray that will connect the primary control building to the spillway gates.



Construction photos: site work

December 9: The primary control building and the metal building framing ready to be assembled.



Construction photos: site work

December 9: Concrete placement for the foundation for the battery back-up power supply building.



Construction photos: site work

December 9: A wider view of the back-up power supply buildings and control building foundation work.



Construction photos: site work

December 9: Placing the final roofing and the siding for the secondary control building.



Campbell River Hydroelectric Facilities Discovery Centre – 2025

The centre had 11,546 visitors from February to November 2025. The centre, located by the Elk Falls Suspension Bridge Parking lot, is for visitors to learn more about the hydroelectric system and the capital projects. The centre will reopen on February 3, 2026. We would like to thank the Museum at Campbell River for our ongoing partnership.



People profile – James Liu

Background:

James graduated from the University of Alberta with a Degree in Civil Engineering and then joined the Ladore Spillway Seismic Upgrade Project in July 2024 as Aecon's Field Engineer. Ladore is his first hydroelectric project and James says it has been a great learning experience. He also appreciates the mild climate of Campbell River compared to the freezing Albertan winters.

Home:

James is from Guangzhou, China, and is currently renting an apartment in Campbell River.

Hobbies:

He enjoys hiking, camping, fishing, and dancing.

Project Responsibility:

James is the Field Engineer for the Aecon EBC Ladore General Partnership. He was involved in the Early Contractor Involvement stage of BC Hydro's general contractor procurement process. James is responsible for coordinating site construction efforts for the rock anchor and post-tensioned anchor scopes, including developing work plans, tracking production, and providing engineering support in the field.

"I'm thrilled to work on the Ladore project. Its complex multidisciplinary nature presents new and exciting learning opportunities every single day. Working to ensure public infrastructure reliability and the protection of public safety is incredibly fulfilling and each day I wake up motivated to work at the Ladore Dam site."

