

# Ladore Spillway Seismic Upgrade Project – Community Construction Report #7

**March – April 2026**

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# Project status and schedule

- Safety: About 70 people working at the site. As of March 31, our Aecon EBC Ladore General Partnership contractor has had 190,833 hours of work without a lost time incident.
- Ongoing work on the two control buildings, two back-up power supply buildings, two fuel tanks for the 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. To be in-service in 2026.
- Ongoing drilling of steel anchors through the concrete dam into the bedrock for better seismic resiliency.

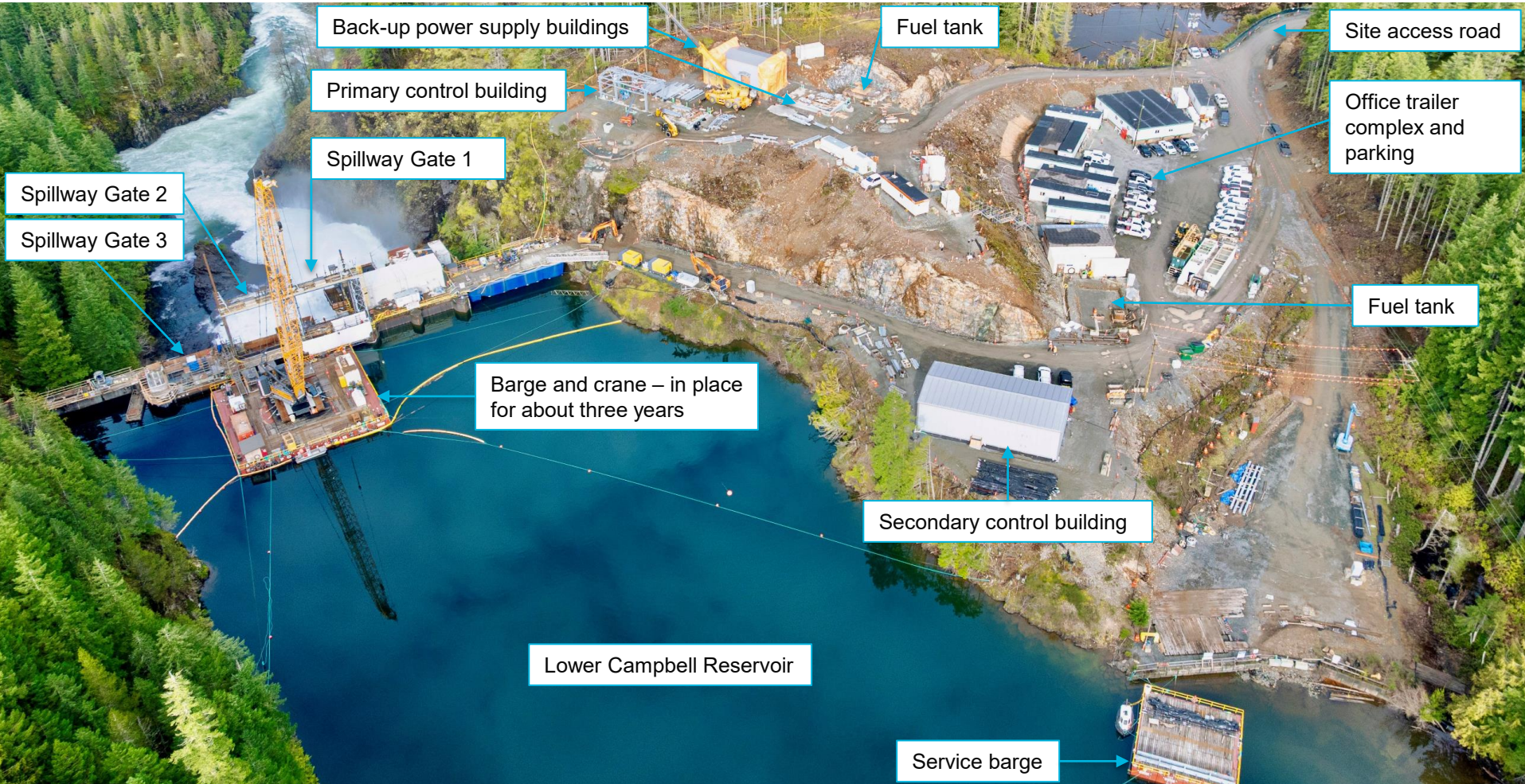


April 20: Work on the Ladore Dam spillway gates and anchor drilling.



# The Ladore project site map

Photo: February 11



Back-up power supply buildings

Fuel tank

Site access road

Primary control building

Office trailer complex and parking

Spillway Gate 1

Fuel tank

Spillway Gate 2

Spillway Gate 3

Barge and crane – in place for about three years

Secondary control building

Lower Campbell Reservoir

Service barge

# Construction photos: Ladore Dam

March 10: Photo from the site timelapse camera of the work activity on the Ladore Dam.



# Construction photos: Ladore Dam

March 12: Work activities along the access road, the dam, and on the rock ball with the steel mesh.



# Construction photos: Ladore Dam

March 12: Vertically cut area to enable the placement of the gate guides that will be in place to move the gates up and down.



# Construction photos: Ladore Dam

March 12: One of the steel anchors, installed along the length of the dam, that go through the concrete dam and into the bedrock.



# Construction point of interest: water management

March 12: During the drilling work for the steel anchors, the water used for those activities, as well as rainwater, are contained and the various hoses (yellow hoses shown below) and deliver the turbid water into various water treatment holding tanks. The water is filtered and treated. The clean water is then returned to the environment. Inset photo is back-up generator for power supply.



# Construction photos: Ladore Dam

March 11: Work on the rock wall to remove some potential loose rock. Large rubber tire mats were in place to protect the far edge of the dam where it meets the rock face.



# Construction photos: site buildings

March 12: Progression of the back-up power supply building on the left, and the primary control building on the right.



# Construction photos: site buildings

March 12: Rebar work and the progression of activities for the fuel tank that will support the back-up diesel generators.



# Construction photos: site buildings

March 12: Work on the primary control building.



# Construction photos: site buildings

April 7: Primary control building on the left, back-up power supply buildings at centre, and diesel tank building on right.



# Construction photos: site buildings

April 7: Secondary control building.



# Construction photos: site buildings

April 7: Secondary control building and access road down to the Ladore Dam.



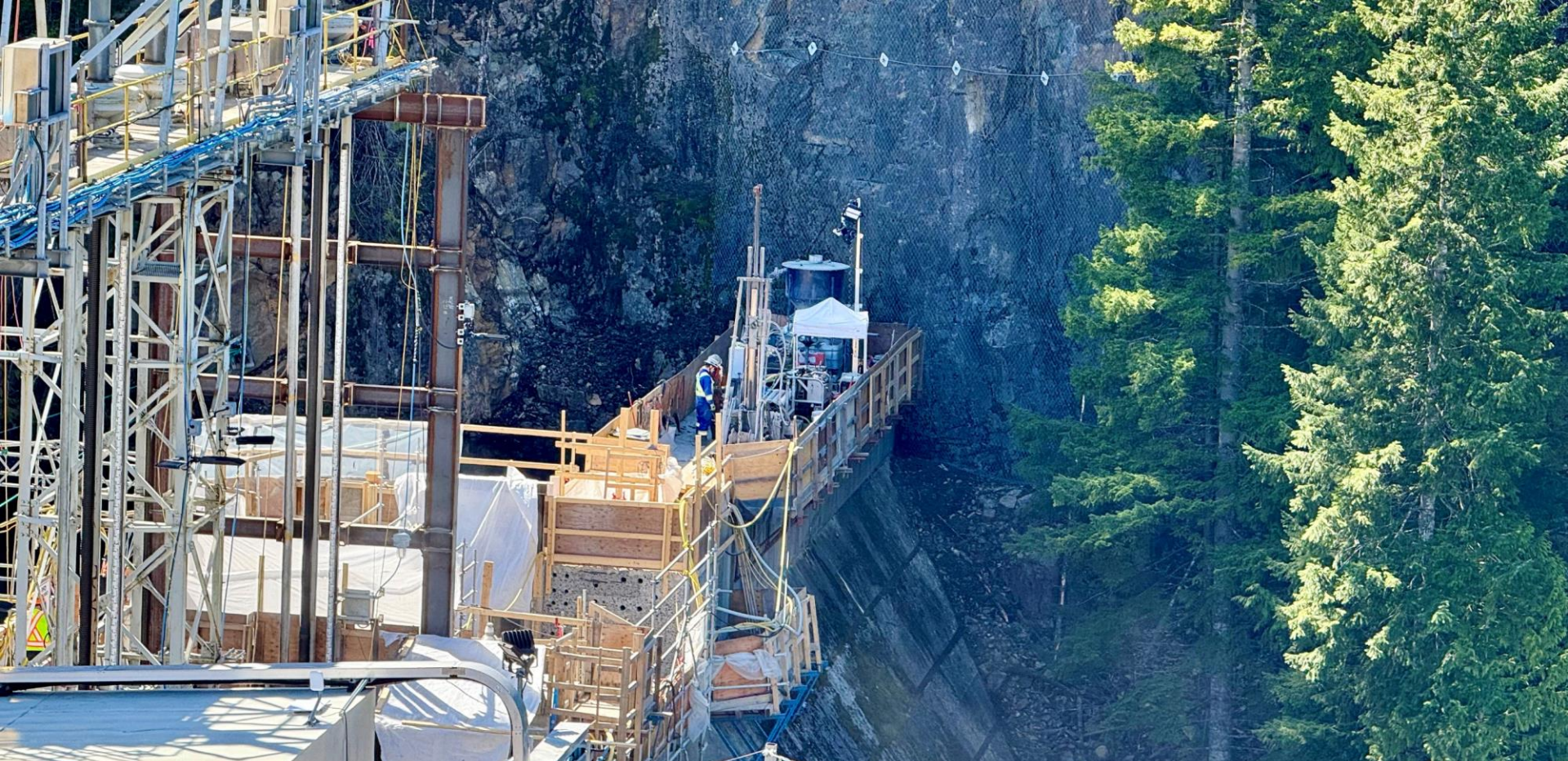
# Construction photos: Ladore Dam

April 7: Work activities to enable the seismic upgrades.



# Construction photos: Ladore Dam

April 7: Drilling work for the steel anchors.



# Construction photos: Ladore Dam

April 7: On right, conduit preparation and anchor work to enable cable trays to run from the primary control building to the dam.



# Construction photos: Ladore Dam

April 16: Ongoing work at the Ladore Dam on the spillway gates and anchor drilling.



# People profile – David Rathlef

## Background:

David started with BC Hydro in 2001 as a Protection and Control Trainee where he rotated around the province until 2003 with a full-time position in Squamish. One of his jobs was to help rebuild a 500 kV system at the Cheekye Substation. In 2006, he moved to Victoria as line protection subforeman. In 2017, he moved to Campbell River, with his family, as a Communications Protection and Control (CPC) Technologist. David assisted with the decommissioning and transfer from the old John Hart powerhouse to the new powerhouse, as well as other projects. In 2020, he became the Area Planner Scheduler for the Campbell River area electricians and CPC staff. In February 2024, David started as a Construction Manager and is now working on the Ladore project.

## Home:

Campbell River.

## Hobbies:

David enjoys watching his kids grow and follow all the sports they are into, while also finding time to play outside, either on the water or in the mountains.

## Project responsibilities:

David is one of the BC Hydro Construction Manager's at the Ladore project and he looks after all aspects of construction on site as well as coordination with other BC Hydro groups, such as Generation System Operations.

"I enjoy the challenges of the work and being able to find solutions to the changes at Ladore. I also enjoy working with everyone involved on the Campbell River system projects."

