

# Ladore Spillway Seismic Upgrade Project – Community Construction Report #2

**April – June 2025**

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# Project status and schedule

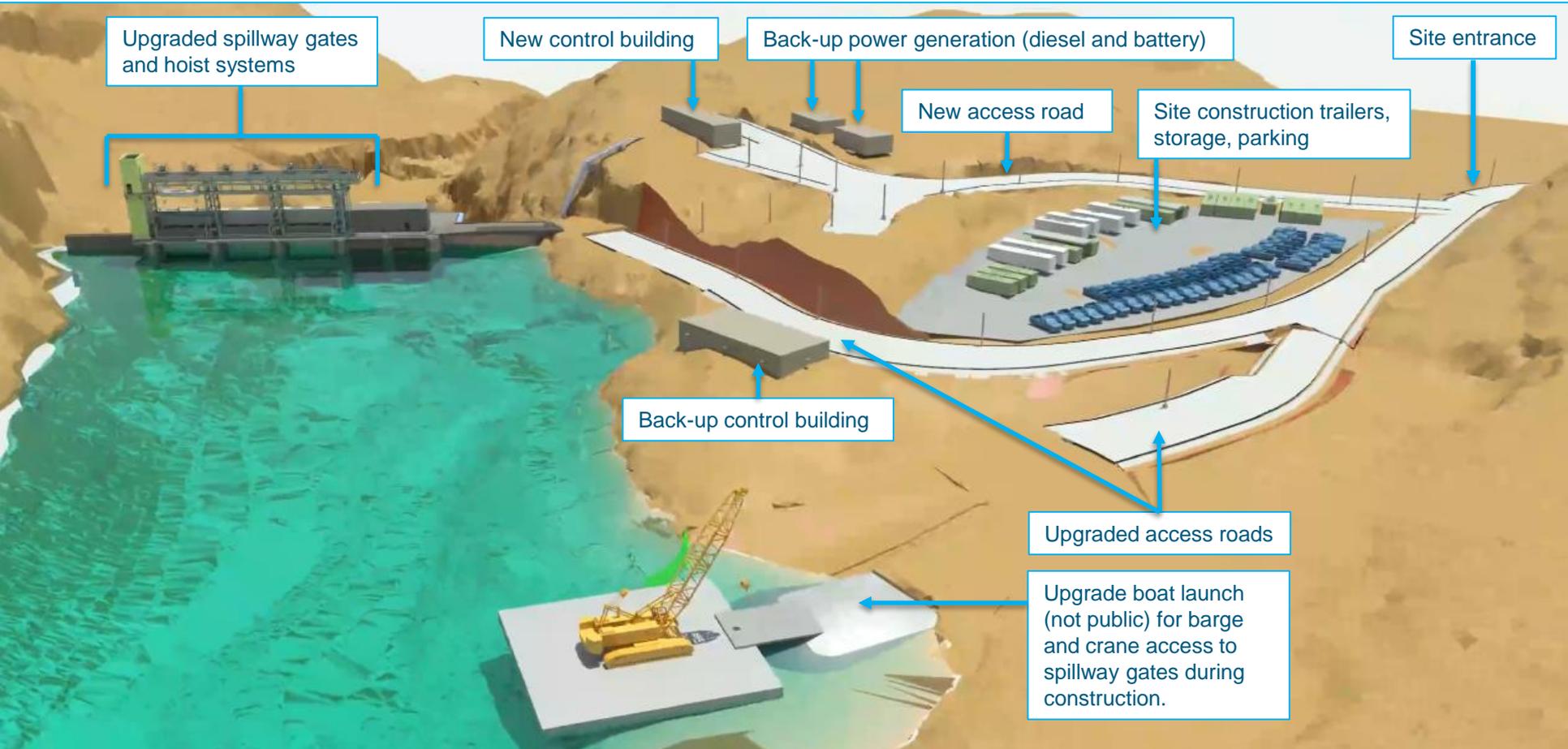
- Ongoing site preparation work to prepare for the access roads, the two control buildings, and two back-up power supply buildings.
- Early fall 2025: begin upgrade work on spillway gate 3 and replace the spillway gate and hoist system in 2026.
- 2027: replacement of spillway gate 2.
- 2028: replacement of spillway gate 1.
- The goal is to have all three spillway gates in-service in 2028.

June 19 view of the crane and barges that will be moved to the Ladore Dam for the spillway gate work.



# Construction schematic: site layout

The schematic below is a screen-shot of a project 4D video showing the site configuration near the end of construction in 2028.



# Construction photos: site work

April 15 view of the site trailer installation work.



# Construction photos: site work

April 15 view of the large crane being put together to then be placed on a barge for the spillway gate upgrades.



# Construction photos: site work

April 15 view of the work site, Lower Campbell Reservoir, and the Ladore Dam.



# Construction photos: site clearing work

June 2 view of the crane and barges that will be moved to the Ladore Dam for the spillway gate work.



# Construction photos: site clearing work

June 2 view of the site trailers.



# Construction photos: site preparation

June 2 view of the site preparations and foundation work on the left for the battery back-up power supply building.



# Construction photos: site preparation

June 2 view of the foundation work for the back-up power supply buildings – diesel in the background and battery in the foreground.



# Construction photos: site clearing work

June 16 view of the rock removal for the access road to the dam, and the foundation levelling for the back-up control building to the main control building.



# Construction photos: site clearing work

June 16 view of the dam with the access road rock removal in the foreground.



# Construction photos: site work

June 16 photo of the new worker walkway, safely separated from the road, that leads from the laydown storage and crew parking area to the work site. The insert photo shows the bridge over a ravine and keeps workers off a sharp 90-degree corner road turn.



# Construction photos: rock grilling

June 19 view of the dam with the access road rock removal in the foreground.



# Construction photos: site work

June 19 photo of the rock removal and cleaning to provide a solid foundation for the battery back-up power supply building.



# Construction photos: site work

June 19 photo of the rock removal for the foundation for the main control building.



# Construction photos: site work

A June 19 picture of the upper work area and the foundation work for the main control building (right) and the battery back-up power supply building (left).



# Construction photos: Ladore Dam

June 19 view looking up at the dam. The blue netting is in place to prevent swallow bird nesting.



# Construction photos: Ladore Dam

June 19 view looking up at the dam, and the lower canyon, from a lower vantage.



# Construction photos: site work

June 19 photo of the barge preparation work to move the crane onto the barge.



# Construction photos: access road widening

June 19 view of the project access road when approaching the site from the east, and the rock blasting and removal.



# Construction photos: access road widening

June 19 view from the west side of the work zone of the road widening work.



# Construction point of interest: Time-lapse camera and safety monitoring

Below the dam a time-lapse camera will be installed later this summer to capture the spillway gate replacement work. The vantage will look similar to the view below. The camera will also be placed upstream of the dam for about a year to get a full perspective of the work activities. There is also additional dam safety monitoring equipment, similar to the John Hart Dam Seismic Upgrade Project, at this location that will monitor the dam for any movement during construction.



# People profile – Harreson Greene

## About Harreson

### Background:

Harreson started in industrial construction with Roc-Tech Contracting Ltd in 2013 on the Kokish River Hydroelectric Project, in Port McNeil. After a few more capital projects he started his own civil excavation and road building company until 2020. He rejoined Roc-Tech in 2020.

### Home:

The Mid-Vancouver Island area has always been home for Harreson as he was born and raised in the Oceanside-Parksville area. His only time away was for three years in Saskatchewan building oil-field shops.

### Hobbies:

Harreson's two biggest hobbies would be his kids' sports and keeping them active. He also likes to go fishing and hunting.

### Project Responsibility:

Roc-Tech is a subcontractor with the Aecon EBC Ladore General Partnership. Harreson's role is the coordination for moving equipment to and from Ladore site and safety tailboard meetings every morning. He ensures quality work from the Roc-Tech crew and keeps the project moving forward in a safe manner.

“This is an interesting project to be a part with lots of moving parts in such a confined work area.”

