



COMOX VALLEY WATER TREATMENT PROJECT UPDATE

Critical Project Step Achieved: Raw Water Transmission Main Complete

The transmission main that will transport water pumped from Comox Lake to the new water treatment plant is now complete with final testing happening this month. Two more major milestones will be complete by the end of the year:

- construction of the pump station and water intake at Comox Lake
- installation of the treated water transmission main that will move drinking water from the treatment plant to water distribution systems in the Comox Valley

Construction on the treatment plant is expected to be complete next spring, with commissioning planned for summer 2021.

What's Happening Now

Transmission Mains



Installation – Crews recently completed the treated water transmission main crossing at Highway 19. Pipe installation will continue to the west toward the treatment plant, with only 25% left to go.

Raw Water Pump Station Site



Tunnelling – Drilling activities into Comox Lake resumed after a pause and the tunnelling machine has now successfully broken through into the lake.



Construction – Inside the electrical building, crews have received electrical cabinets and will begin wiring up the building to power the large raw water pumps.

Water Treatment Plant Site



Construction – The administration and clearwell areas are both seeing major progress, with the slab poured for the elevated lobby and supports are now up in the clearwell.

Major equipment is also starting to arrive on site, with the delivery of the UV reactors, blowers, and filter underdrains. Piping is starting to be installed within the facility and the pipe gallery is starting to take shape.



Raw water transmission main connection to the water treatment plant



Clearwell discharge/joint that will connect to the treated water transmission main



Site Safety During COVID-19

The CVRD is dedicated to the health and safety of all workers, and continues to keep additional safety measures in place to ensure a safe work environment.

As we move into a new phase of COVID-19, the site contractor, AECON, has locked down the worksite for protection measures. This means that no outside contractors, external staff or members of the public are permitted on site. The project team is monitoring all messages provided by BC Public Health and WorkSafe BC to remain compliant and keep everyone safe.



Community Employment Benefits to Exceed Targets

Creating opportunities for the community through this unique project was an important goal for the project team and the CVRD Board.

To help meet this goal, a community employment benefits plan was put in place to increase the contribution of diverse workers on the project. The plan includes targets, which the project is on track to exceed.

Community Employment Benefit Goals:

TARGET GROUPS	TARGET (HRS)	ACTUAL (HRS)
Indigenous Peoples	10,000	11,834
Apprentices	15,000	14,457
Under-represented Populations	10,000	19,373

The project team is proud to employ a local workforce. The current workforce on the project is made up of 99% Vancouver Island locals and 75% call Comox Valley home.

What's Next?

Here's what crews are working on through Oct./Nov.:

- Ensuring safety precautions related to COVID-19 are in place so construction can continue safely through the fall months.
- Site prep for concrete crews arriving at the raw water pump station site to begin work on the pump house.
- Completing tunneling activities into Comox Lake and starting installation of the marine pipe and intake.
- Concrete pouring and installation of piping for the water treatment plant and starting structural steel and electrical work.
- Final testing of the raw water transmission main, which will transport water between Comox Lake and the treatment plant.
- Completing the treated water transmission main between the existing transmission system and the treatment plant.



New Project Video

Aug 24 - Aug 30



Find the latest timelapse video, showing footage from the past six months, at the project page:

comoxvalleyrd.ca/watertreatment

Giving Back to the Comox Valley Community



UROC and AECON volunteers building the "Above and Beyond" bike trail.

Since the last volunteer update in June, the AECON team has continued their good work in the community. In early summer, they raised \$1,340 for a local family who lost their home in a fire and provided them with many necessities.

In August, AECON teamed up with UROC (United Riders of Cumberland) to help with mountain bike trail development.

Future volunteer plans include working with Project Watershed for their Willow harvest and planting.

For more information

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comoxvalleyrd.ca