

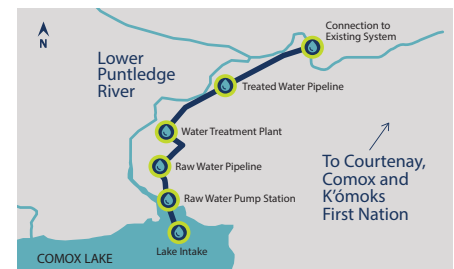
Fresh, Filtered Comox Valley Water

Comox Valley Water Treatment Project
Backgrounder – Sept. 2021



Celebrating Completion

A modern water treatment system for Comox Valley residents is now in operation – meeting all regulatory standards and removing the need for turbidity-related boil water notices. The new system includes three-levels of treatment, removing the risk of viruses and bacteria in drinking water and provides a secure supply of reliable, high-quality drinking water for decades to come.



A modern treatment system for the Comox Valley

The new water treatment system includes an update on all components in the collection and treatment of water in the Comox Valley. The new system consists of a new lake intake accessing cooler, cleaner water, a new lake shore pump station, new transmission mains and the new treatment plant.

The treatment plant includes three treatment processes: filtration, ultra-violet treatment and chlorination – putting it in line with provincial requirements.

All together, these improvements will offer three key benefits:

- Eliminate the need for turbidity-related boil water notices
- Remove the risk of viruses and bacteria in our drinking water
- Provide a secure supply of reliable, high quality drinking water for decades to come

It's the modern system that Comox Valley residents deserve.

Construction timeline

Fall
2018

Grant funding secured

July
2019

Construction contract awarded

October
2019

Construction Kick Off

Dec.
2020

First major milestone achieved: raw water transmission main completed

June
2021

Commissioning of system begins

Sept.
2021

Treatment system operational

Sept.
2021

Project Completion Celebration



A Project to be Proud Of

The Comox Valley Water Treatment Project is a critical infrastructure upgrade required for the community today and into the future. Here are some of the top highlights of the project and it's delivery:



Successful Construction: The CVRD's largest infrastructure project undertaken to date was completed on time, and on budget, despite the enormous challenge of a global pandemic. This success is thanks to strong leadership by the project team at CVRD and AECON Water Infrastructure and the hard work of many on the construction site.



Employment Opportunities: Goals for employment opportunities for First Nations people, apprentices and others were far exceeded by the project contractor AECON Water Infrastructure.



Excellent Safety and Environmental Standard: With no significant environmental or safety incidents and no cases of COVID-19 on site, the whole team's commitment to responsible practices shows through.



Partnership: Delivered in partnership with the K'ómoks First Nation, the project meets shared long-term planning and environmental protection goals for the CVRD and KFN.



Innovative Design: An underground pump station at Comox Lake minimizes visual and noise impacts on the surrounding environment



Community Benefits: A new parking lot and trail access next to the water treatment plant will be completed for the community, and partnership with the Courtenay and District Fish and Game Association will provide them with water and access for a new hatchery project.

The CVRD respectfully acknowledges that the new water treatment system is constructed on the traditional and ancestral unceded territory of the K'ómoks First Nation.

To learn more about the project

Visit the project website at: comoxvalleyrd.ca/watertreatment or connectcvrld.ca/watertreatment
Email the project team at: engineering@comoxvalleyrd.ca
Phone: 250-334-6000

