



Coquitlam Lake Water Supply Project

To help meet the region's growing need for drinking water well into the next half century while increasing the water system's resilience to climate change.

Project Overview

Metro Vancouver is proposing to double its capacity to withdraw water from Coquitlam Lake, the largest of our three drinking water sources, through the Coquitlam Lake Water Supply Project. Planning is currently underway to determine the scope of work and design of a new water intake, a water supply tunnel, and water treatment facilities. Construction is expected to begin in the late 2020s, with completion targeted for the late 2030s.

Coquitlam Lake has served as a water source since the late 1890s. Today, it supplies about 370 million litres of water per day, or about one-third of the total drinking water demand of the region's 2.7 million residents.

By building new infrastructure, Metro Vancouver doubles its capacity to access, treat, and distribute the pristine water of Coquitlam Lake for the benefit of current and future generations.

Planning for the Future

Thanks to regional and local government water conservation efforts, Metro Vancouver's per capita water use has declined in the last two decades. However, as the region's population continues to grow, the total water demand will only increase in the future, and the anticipated impacts of climate change will put pressure on the regional water supply.

Metro Vancouver recently completed a long-term water supply study that assessed the water system's resiliency to potential hazards and identified actions necessary for the continued supply and delivery of water over the next 100 years. The results showed that Metro Vancouver can meet the needs of a growing population and respond to impacts of climate change by expanding the use of existing water supply sources. The study also confirmed that the region is on the right track by planning for the Coquitlam Lake Water Supply Project to be in place by the late 2030s.

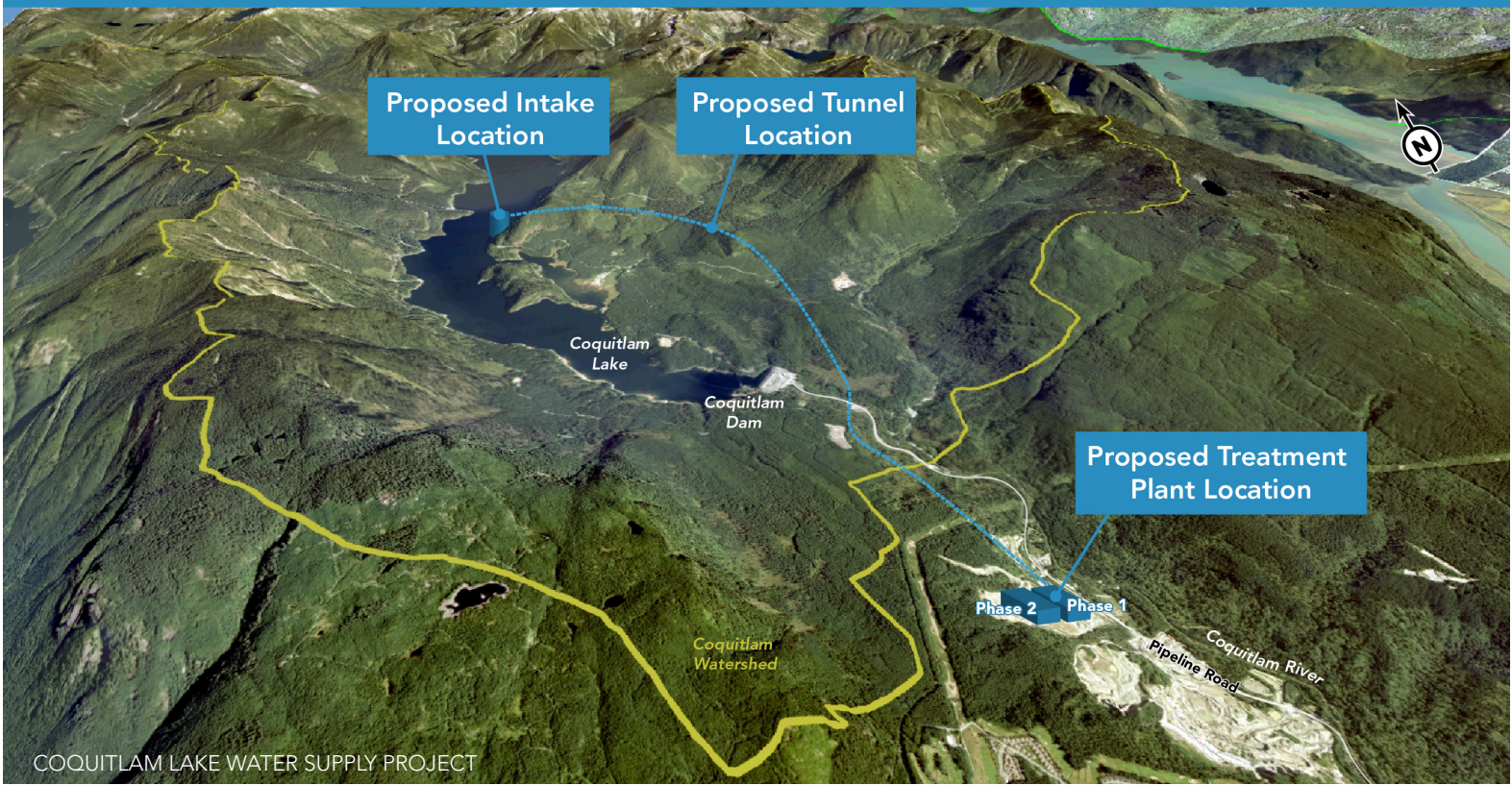
Working with Our Partners and the Community

Metro Vancouver will work closely with First Nations, stakeholders, and the public to ensure the project considers their values, concerns, and priorities.

As this project progresses, engagement activities will continue to ensure opportunities for input are provided throughout the duration of the project.

Metro Vancouver will:

- Seek input on the design of the intake with respect to ongoing restoration efforts and protection of fish populations
- Seek input on the management of downstream environmental flows to support conservation of aquatic habitat in the lower Coquitlam River
- Support opportunities to improve preservation of archaeological sites and enhancing Indigenous cultural heritage in the Project area
- Take feedback to the project team and share with the public on how it has been addressed

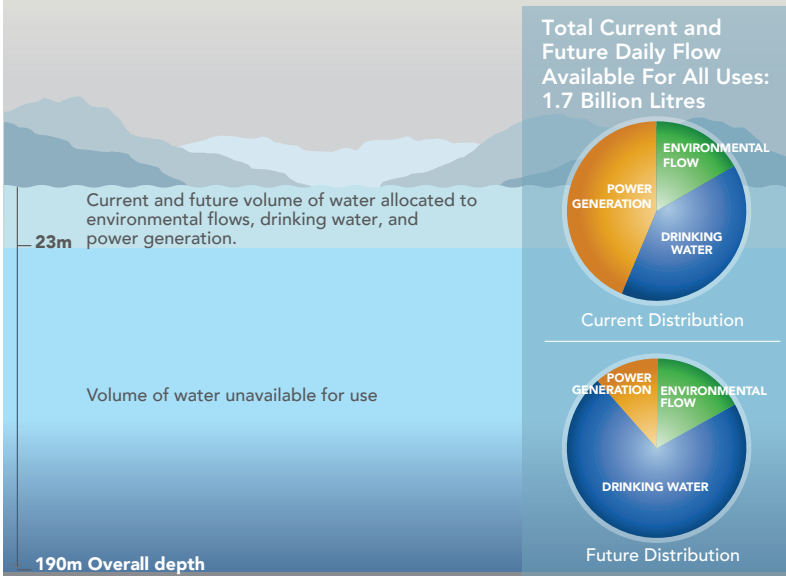


COQUITLAM LAKE WATER SUPPLY PROJECT



Accessing More Drinking Water from Coquitlam Lake

The water in Coquitlam Lake is governed by the Province of British Columbia and is allocated through licences to BC Hydro for power generation and Metro Vancouver for drinking water. BC Hydro owns and operates the Coquitlam Dam and is also responsible for releasing environmental flows into the Coquitlam River for fish and wildlife. Metro Vancouver has reached an agreement with BC Hydro to access additional drinking water supply from Coquitlam Lake by buying a portion of the water currently allocated to power generation. While the overall amount of water accessed from Coquitlam Lake will remain the same, this arrangement allows Metro Vancouver to prepare for future water supply needs.



Metro Vancouver Water Services provides a reliable source of safe, high quality drinking water to its member jurisdictions at a reasonable cost. This includes acquiring and maintaining supply, as well as treating, testing and delivering water to local governments. In turn, local governments are responsible for conveying water to residents and businesses.

Metro Vancouver uses a system of watersheds, dams, treatment facilities, reservoirs, pump stations and water mains. Upgrades are constantly being made to the water system to maintain the quality and reliability of clean safe drinking water to the region.

Contacting Metro Vancouver

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 from 8 am to 4:30 pm)
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