

# Capilano Water Supply Area Infrastructure Upgrades



We're working in your neighbourhood to improve the delivery of high-quality drinking water

This notice contains important information that may affect you. Please ask someone to translate it for you.

Cet avis contient des renseignements importants qui pourraient vous concerner. Veuillez demander à quelqu'un de le traduire pour vous.

此通告包含可能影響閣下的重要資訊。請找人為您翻譯。

이 공지문은 귀하에게 영향을 미칠 수 있는 중요한 정보를 포함하고 있습니다. 이를 번역해 줄 수 있는 사람에게 의뢰하시기 바랍니다.

Thông báo này có chứa những thông tin quan trọng có thể ảnh hưởng đến quý vị. Vui lòng nhờ người phiên dịch hộ.

Este aviso contiene información importante que puede afectarle personalmente. Pídale a alguien que se lo traduzca.

ਇਸ ਨੋਟਿਸ ਵੱਚਿ ਮਹੱਤਵਪੂਰਨ ਜਾਣਕਾਰੀ ਹੈ ਜੋ ਤੁਹਾਨੂੰ ਪ੍ਰਭਾਵਤਿ ਕਰ ਸਕਦੀ ਹੈ। ਕਰਿਯਾ ਕਰਕੇ ਕਸਿ ਨੂੰ ਤੁਹਾਡੇ ਲਈ ਇਸ ਦਾ ਅਨੁਵਾਦ ਕਰਨ ਲਈ ਕਹੋ।

## Overview

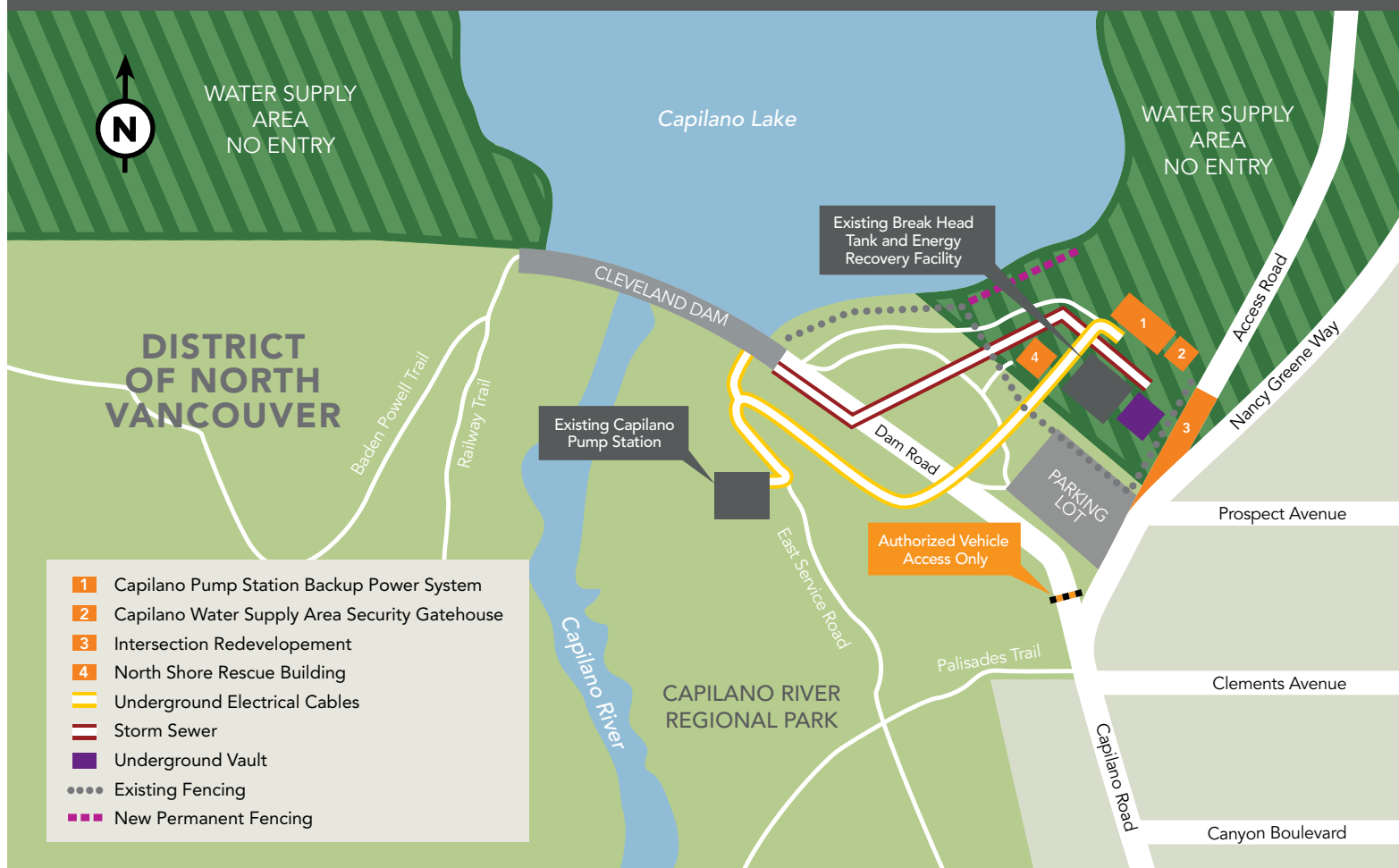
Metro Vancouver is upgrading drinking water infrastructure in the Metro Vancouver Works Area near Capilano River Regional Park to ensure the continued delivery of high-quality drinking water to a growing region. Upgrades include a backup power system and improvements to the Capilano Water Supply Area security gatehouse. Additionally, the North Shore Rescue Society is building a new command post and storage building.

These projects began construction in fall 2022 and will be completed by late 2025.

## Project Timeline

Fall 2022	Summer 2023	Spring 2024	Summer 2025
North Shore Rescue Building	Capilano Pump Station Backup Power System	Capilano Water Supply Area Security Gatehouse	Intersection Safety Improvements

# LOCATION OF CAPILANO WATER SUPPLY AREA INFRASTRUCTURE UPGRADES



## Capilano Pump Station Backup Power System (Summer 2023)

The new backup power system will be connected to the existing pump station to help deliver water to the Seymour-Capilano Filtration Plant in the event of a power outage.

Power outages cause the pumps to stop, preventing water from the Capilano Reservoir from being delivered to the filtration plant and potentially resulting in a reduced supply of drinking water to meet the region's needs. The new backup power system has been designed to withstand a major earthquake.

The Capilano Pump Station Backup Power System includes:

- Slope excavation and regrading
- Construction of an underground vault to securely store the fuel tanks that will provide fuel to the new generators
- Construction of a new building to house the new fuel-powered generators
- Construction of a new storm sewer to facilitate water drainage
- Installation of buried electrical cables connecting the backup power system to the pump station

## Stay Connected

To receive regular project updates by email, please sign up to our mailing list by visiting [metrovanvancouver.org](https://metrovanvancouver.org) and searching 'Capilano Water Supply Area Infrastructure Upgrades'.



## Intersection Safety Improvements and Final Restoration (Summer 2025)

To improve safety in the area, Metro Vancouver will be redeveloping the intersection off Nancy Greene Way leading into its works area and the Capilano River Regional Park. As part of this work, we will be redesigning the entranceway to increase visibility for vehicles entering the parking lot. We will also be constructing a safer pedestrian sidewalk.

A comprehensive site restoration plan is being developed which will be implemented once the overall project is complete.



Rendering of the Capilano Water Supply Area security gatehouse

## Capilano Water Supply Area Security Gatehouse (Spring 2024)

To replace an existing, aged gatehouse trailer, Metro Vancouver will be constructing a new permanent structure for water supply area security staff. Activities related to this work will include:

- Removing some of the existing buildings from the site
- Installing a temporary modular gatehouse, which will remain operational until the replacement is constructed
- Building a replacement gatehouse and storage area

All work will be contained within Metro Vancouver property with the majority of the work taking place within the Metro Vancouver Works Area.

## New North Shore Rescue Building (Fall 2022)

For over 30 years, Metro Vancouver and North Shore Rescue have benefitted from one another's resources and expertise. When an out-of-bounds skier ends up in difficulty or a hiker injures themselves in the backcountry, North Shore Rescue is there to launch a search and rescue operation to assist them. In turn, Metro Vancouver assists North Shore Rescue by providing 24/7 access along its network of water supply area roads, lending equipment when required, and offering sites within the water supply area to be used as operations staging areas that save rescue teams critical response time.

North Shore Rescue often conducts search and rescue operations from the Metro Vancouver Works Area at the Capilano River Regional Park. To improve operational efficiency, North Shore Rescue Society is constructing a new building to maintain their equipment and function as a command post. The construction started in late 2022.

## Hours of Work, Traffic, Noise, and Safety

Typical hours of work for construction activities are:

- Monday to Friday between 7:00 am and 8:00 pm
- No work planned on weekends or holidays

Occasionally crews may be required to work later to complete specific tasks.

You may hear intermittent noise while work is occurring; however, crews will make every effort to minimize noise when possible. All work will comply with District of North Vancouver noise bylaw or granted bylaw variances if urgent, after hours work is required.

During this work, there will be truck traffic along Capilano Road for equipment and material delivery.



Rendering of the new North Shore Rescue building

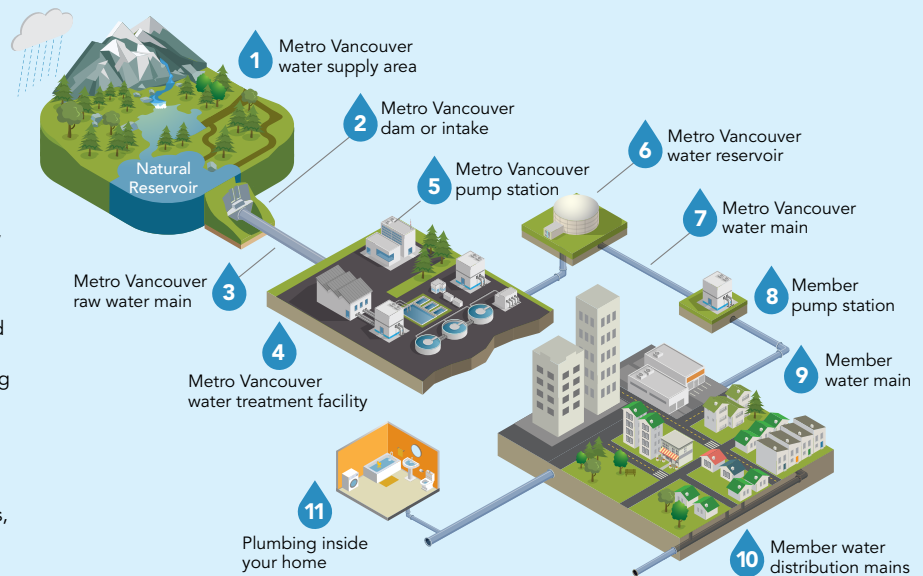


## How does water get to your home?

Metro Vancouver and its members work together to supply high-quality drinking water to the region.

Metro Vancouver is responsible for protecting and providing the region's water supply, including: protecting our water supply areas; storing, treating and ensuring the quality of our water; supplying water directly to our members; and planning for future supply and demand.

Our members are responsible for providing water to residents and businesses, enforcing regulations, utility billing, and where used, water metering.



### Minimizing Construction Impacts

Metro Vancouver is committed to minimizing construction impacts on the community. Crews will do their best to reduce noise whenever practical. To minimize impacts to the community, any equipment not in use will be shut off to mitigate disruption and help control air pollution.

Metro Vancouver will implement a traffic management plan once construction is underway to mitigate traffic impacts. Access will be maintained to residences and businesses at all times.

An environmental monitoring professional will be on site to monitor the work during construction, when necessary.

### Working With The Community

Metro Vancouver is committed to being a good neighbour and will work diligently to mitigate project impacts and maintain open and ongoing communication about the project to residents. Local residents and businesses will receive ongoing notifications through newsletters, web updates, email, and on-site signage. Visitor access in the park will be maintained as much as possible, with some trail detours necessary to complete this work.

A community liaison is available to address any public questions or concerns.

### Contact Us

**Community Liaison:** 604-432-6200  
(Monday to Friday from 8:00 am to 4:30 pm)

**After Hours Emergency:** 604-451-6610

**Email:** [icentre@metrovancover.org](mailto:icentre@metrovancover.org) (Include 'Capilano Water Supply Area Infrastructure Upgrades' in the subject line)

**Website:** [metrovancover.org](http://metrovancover.org) (Search for 'Capilano Water Supply Area Infrastructure Upgrades')

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