



Central Park Water Main – Imperial Section

Building new infrastructure to ensure the continued delivery of high-quality drinking water for the region's growing population

Celebrating 100 years of delivering drinking water



About This Project

Metro Vancouver is replacing the Central Park Water Main to help ensure the continued delivery of high-quality drinking water well into the future. This new water main is expected to meet regional growth needs while ensuring seismic resilience. The existing water main was built in the 1930s and is reaching the end of its service life. Construction of the new water main started in 2019 and has been phased over several years due to its length of approximately 12 kilometres spanning across the cities of Burnaby and New Westminster.

The Imperial Section of the Central Park Water Main is approximately 3.4 kilometres long and runs along Imperial Street between Maywood Street at Telford Avenue, and Griffiths Avenue at Elwell Street. Construction will start in fall 2024 and happen in two phases.



Project Timeline



This timeline is subject to change.

Main Project Activities

- **Preparing the work area:** Ahead of major construction, Metro Vancouver's contractor will be fencing trees, setting up a site trailer, delivering equipment, installing temporary signage, sampling soil, and identifying existing utility locations.
- **Relocating existing or installing new underground utilities:** In various locations, underground utilities will be relocated or added to accommodate the new water main and valve chambers.
- **Installing the new water main:** The new water main will be installed in segments. Each work zone will be several blocks in length, two-to-three lanes wide, and fenced for safety; excavating a large trench; installing temporary shoring to secure the excavated area; and installing a steel water main with a diameter of 1.2 metres.
- **Constructing underground valve chambers:** Two valve chambers, one at Palm Avenue and one at Empress Avenue, will be built. This work will include excavating a deep pit, approximately 10 metres wide and 16 metres long. Each valve chamber will take approximately 6 months to construct.
- **Cleaning and testing of the new water main:** The new pipe will be pressure tested, disinfected, and flushed before coming into service.
- **Connecting the new water main and valve chambers:** Towards the end of the project, the new infrastructure will be connected to the existing water distribution system.
- **Installing new municipal utilities:** To reduce construction impacts on residents, Metro Vancouver will also install new municipal water mains and fibre optic ducts on behalf of the City of Burnaby between Macpherson Avenue and Griffiths Avenue. These new utilities will be installed within the same work zone established for the larger Metro Vancouver water main. The fibre optic ducts are 8 cm in diameter and the water mains are 30 cm in diameter.
- **Connecting residents to the new water system:** The City and Metro Vancouver's contractor will at times need to temporarily turn off water service at some properties as they connect them to the new municipal water mains. Metro Vancouver will notify residents and businesses in advance of any planned service interruptions.
- **Restoring the area:** Once construction is complete, all impacted areas will be permanently paved and restored.



What Are Valve Chambers?

Valve chambers play an important role in how Metro Vancouver delivers drinking water to your municipal system.

Typically constructed underground, these chambers house pipe connections, valves, and other electrical equipment used to regulate the flow of water through area mains. They also allow maintenance crews to isolate certain sections of the distribution system to conduct maintenance and repair work.

Example of an underground valve chamber shown.

Reducing Construction Impacts

Metro Vancouver recognizes the construction of Central Park Water Main – Imperial Section will impact local residents and businesses.

As part of our commitment to minimize project impacts, we have been working with the City of Burnaby and local residents and businesses to identify impacts early in the process and take measures to mitigate them. We have developed a Public Impact Mitigation Strategy that includes information received from the community through an online survey and a virtual open house held in 2022. Wherever possible, the contractor will:

Reduce noise and vibration

- Implement the Noise and Vibration Strategy
- Schedule work that requires noisy or high-vibration equipment, such as hydro vacuum trucks, saw cutters, vibratory compactors, and excavators, to take place between 8:00 am and 6:00 pm
- Minimize nuisance noise such as offloading equipment, operating back-up beepers, and idling or warming up heavy equipment unnecessarily and outside of allowable hours
- Cover noisy equipment and use sound barriers
- Monitor noise periodically to ensure the work is compliant with the City of Burnaby bylaws and granted bylaw variances

Keep people moving safely and efficiently

- Implement a Traffic Management Plan
- Place fencing, signage, and traffic control personnel around the construction areas to ensure people can safely move around
- Maintain at least one driveway for homes and businesses throughout construction. Drivers may experience delays in accessing driveways when active construction is taking place
- Maintain access to school drop-off and pick-up zones
- Ensure emergency services have access to properties at all times
- Ensure sidewalks, pedestrian paths, and bike routes remain accessible or have detour options

Manage site cleanliness

- Keep the work site tidy and ensure that impacted roads are cleaned and swept regularly
- Have appropriate equipment readily available for dust, mud, and accidental material spillage control



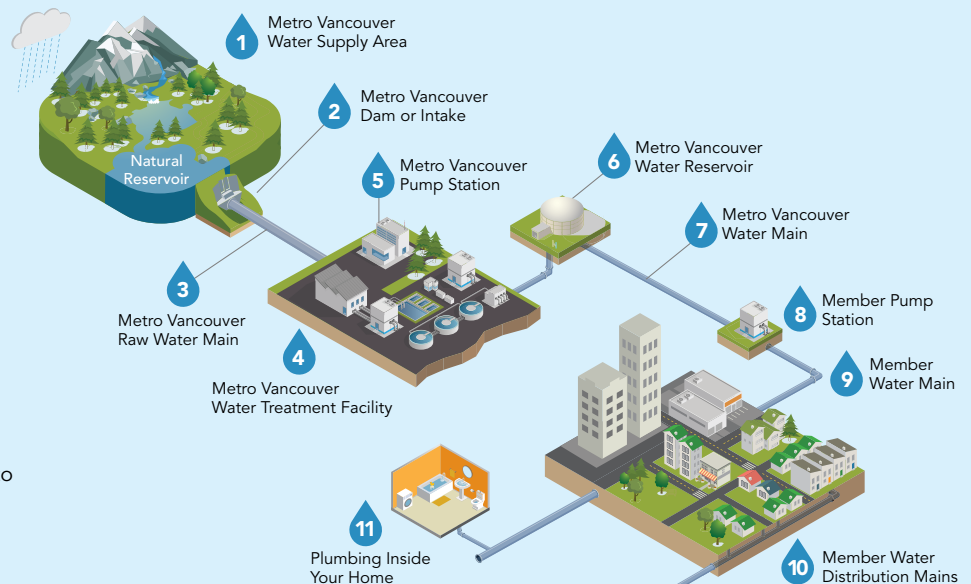
Construction of Central Park Water Main – Salisbury/18th Section.

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.



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 afectarles personalmente. Pídale a alguien que se lo traduzca.

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

Maintaining Access for Local Residents and Businesses

We will maintain access to homes and businesses whenever possible. However, construction may temporarily restrict access to residential and business driveways and parking areas.

If anyone in your home has mobility restrictions or any other concerns, please contact the project's community liaison at 604-432-6200 to discuss alternate options for parking and access, and to explore possible solutions to mitigate impacts.

Typical Hours of Work

- **Monday to Friday:** 7:00 am – 5:00 pm
- **Weekends and holidays:** No work planned

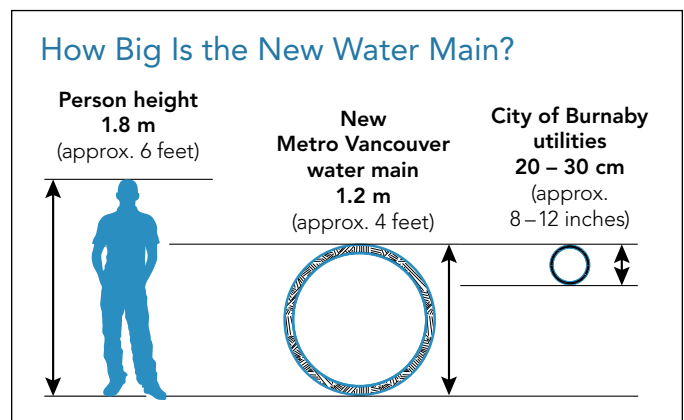
All work will comply with the City of Burnaby bylaws or granted bylaw variances. There may be times when construction crews will need to work longer hours to complete critical activities safely and efficiently. Metro Vancouver will notify the community about these activities in advance.

Working With the Community

Metro Vancouver is committed to working closely with the community and the City of Burnaby to ensure concerns and interests are considered as the project progresses.

We will notify the community in advance of traffic impacts, temporary driveway or parking closures, and detour routes. Local residents and businesses can expect to receive ongoing notifications through signage and print materials. Additionally, another newsletter with detailed information will be distributed.

We also have a dedicated community liaison available throughout the project to address any questions or comments you may have.



To receive updates via email, please visit metrovancover.org, search for "Central Park Water Main – Imperial Section", and click on the "Sign Up" button.

Sign Up

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 (Include "Central Park Water Main – Imperial Section" in the subject line)

Website: metrovancover.org (Search for "Central Park Water Main – Imperial Section" for more information or to sign up for project updates)

metrovancover
Together we make our region strong

Metro Vancouver is a diverse organization that plans for and delivers regional utility services, including water, sewers, and wastewater treatment, and solid waste management. It also regulates air quality, plans for urban growth, manages a regional parks system, provides affordable housing, and serves as a regional federation. The organization is a federation of 21 municipalities, one electoral area, and one treaty First Nation located in the region of the same name. The organization is governed by a Board of Directors of elected officials from each member jurisdiction.