
From: Metro Vancouver <NSWWTP@metrovancover.org>
Sent: Thursday, September 8, 2022 12:02 PM
To:
Subject: North Shore Wastewater Treatment Plant Project: September 2022 Community Newsletter

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September 2022

About the Project

Metro Vancouver is building the North Shore Wastewater Treatment Plant to replace the current Lions Gate Wastewater Treatment Plant. This new treatment facility is being built to serve 250,000 residents and businesses on the North Shore and will provide tertiary treatment to better protect the environment. Visit the [project webpage](#) to learn more.

The project is located on West 1st Street, between Philip and Pemberton Avenues, in the District of North Vancouver (see map below for location).

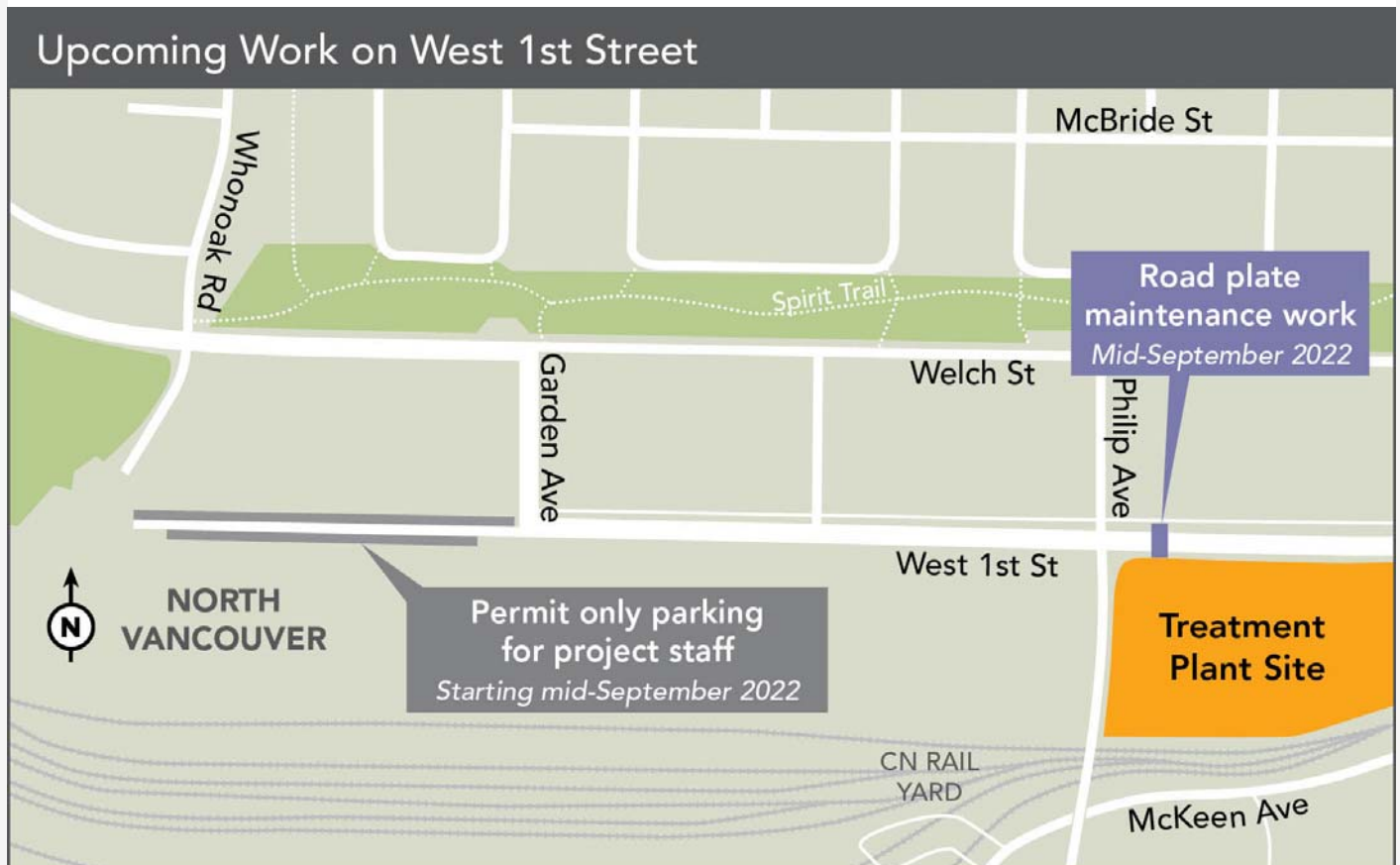
Upcoming Work on West 1st Street

The following work on West 1st Street is expected to take place in mid-September:

- Road plate maintenance work just east of the Philip Avenue intersection. This work may cause temporary lane closures.
- Line painting on the north and south sides of West 1st Street, west of Garden Avenue, to create a new, permit-only parking area for construction personnel working at the treatment plant site. This parking area

has been approved by the District of North Vancouver, and is one of several measures we are taking to reduce the impact of the project on the local community.

See map below for work locations. Drivers, cyclists, and pedestrians may be detoured via signage and traffic control people. Advance notice and more information will be provided to adjacent businesses before work starts in each area, as needed.



This map shows the locations of upcoming work on West 1st Street, including road plate maintenance east of the Philip Avenue intersection and creation of a parking area for construction personnel west of Garden Avenue.

Current Activity at the Treatment Plant Site

Crews have now started early works construction at the treatment plant site. Early works are defined packages of work that allow construction to move forward while we continue to develop a new plan to complete the project, including a revised project budget and schedule. Activity on the site is expected to increase over the fall as this work progresses.

What to expect on and near the site over the coming month:

- Cranes moving materials and equipment
- Crews pouring concrete and working on concrete forms and structures
- Construction noise from power equipment such as jackhammers and saws

- Crews conducting survey work and inspections

Work Hours

Monday to Friday between 7:00 am and 8:00 pm

Saturdays between 9:00 am and 5:00 pm

All work will comply with District of North Vancouver bylaws or granted bylaw variances. Advance notification will be provided if extended working hours are scheduled.

Work on the Conveyance Project is Complete

In early September 2022, the North Shore Conveyance Partners (Kenaidan Contracting Ltd. and Michels Canada) completed their work on the North Shore Conveyance Project.

This work, which started in late 2018, included the design and construction of:

- The new First Narrows Pump Station
- Approximately three kilometres of conveyance pipes
- The tie-in to connect the newly constructed pipe, which will carry treated wastewater from the new treatment plant, to the existing marine outfall

This infrastructure will help to move wastewater from West Vancouver to the new treatment plant, and to move treated wastewater from the new plant to the existing outfall pipe, which will remain in service.



The newly constructed First Narrows Pump Station, located under the Lions Gate Bridge (exterior – left image; interior pumps and equipment – right image) will help to move wastewater from West Vancouver to the new North Shore Wastewater Treatment Plant. The building façade features original artwork by James Harry (commissioned by North Shore Conveyance Partners and Metro Vancouver – see inset). Kenaidan Contracting Ltd., received a Vancouver Regional Construction Association 2022 [Award of Excellence](#) for their work on the pump station.

Future Sewer Work

There will be a future phase of construction to install the final sewer pipes needed to connect the new treatment plant to the North Shore’s sewer collection systems (see map below for location). This work will be undertaken when construction of the treatment plant is nearing completion, and we will provide more information about what to expect in future project updates.



This map shows the locations of the completed work (pump station and pipes) on the North Shore Conveyance Project, as well as the pipe alignment to be installed in the future. Also shown are the locations of the other two projects within the North Shore Wastewater Treatment Plant Program:

- *The new treatment plant (under construction)*
- *The existing Lions Gate Wastewater Treatment Plant (to be decommissioned when the new plant is complete)*

Protect Our Ocean by Using Less Detergent

Did you know? Soaps, detergents, and cleaning products can't always be removed when wastewater is treated. They can end up in our ocean, where they can harm fish and aquatic plants.

The good news is, you can get clothes just as clean with less. Soaps and detergents were designed for hard water. They work really well in Metro Vancouver's soft water, which means you can use half the manufacturer's recommended amount.

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**Get just
as clean
with less**



Keeping the Community Informed

You are receiving this information because you signed up for updates on the North Shore Wastewater Treatment Plant Project. Updates are sent by Metro Vancouver via email newsletter and posted on the [project webpage](#) on a monthly basis.

If you know others who are interested in the project, please forward this email to them and encourage them to sign up to the mailing list by visiting the [project webpage](#) and clicking on the “Sign Up” button under “Stay Connected”.

CONTACT US:

A community liaison is available to address questions and concerns:

Community Liaison: 604-639-9012

Email: NSWWTP@metrovancover.org

Website: metrovancover.org/nswwtp

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Metro Vancouver is a federation of 21 municipalities, one electoral area, and one treaty First Nation that collaboratively plans for and delivers regional-scale services. Its core services are drinking water, wastewater treatment, and solid waste management. Metro Vancouver also regulates air quality, plans for urban growth, manages a regional parks system and provides affordable housing. The regional district is governed by a Board of Directors of elected officials from each local authority.



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