



October 19, 2022

Dear Neighbour,

Upcoming Work on Mountain Highway (E 24th to E 18th): Lynn Valley Trunk Sewer

In the coming weeks, we will begin work to replace the sanitary trunk sewer on Mountain Highway between approximately East 24th Street and East 18th Street.

Proactively replacing critical infrastructure as it nears the end of its useful life reduces the risk of major impacts and interruptions to our community. This is especially important for our underground sanitary and water utility networks as we know that major, sudden impacts caused from aging infrastructure can significantly affect surrounding residents. Managing these vital assets is a key performance goal for the District.

We have identified that the sanitary trunk sewer along Mountain Highway is one such piece of our utility network that is nearing its end of useful life and is due for replacement. Construction is currently scheduled to begin shortly and is expected to take approximately one year to complete.

This significant piece of infrastructure is responsible for carrying the sanitary waste for approximately 21,000 residents of Lynn Valley. Installed in 1964, this section of sewer has reached its functional end of life. Full sewer replacement, with a larger capacity pipe, will result in a new sewer with a planned 80- to 100-year life expectancy.

The new trunk sewer will be installed using micro-tunneling methods. Recent projects completed by Metro Vancouver have shown micro-tunneling to be a less disruptive, less expensive, and more environmentally friendly method for replacement of large sewer mains when compared to traditional methods. This means that, by using a micro-tunneling method, we can avoid the need for large, open trenchwork along Mountain Highway – reducing project impacts to nearby residents and the broader community. **Please see a map of the approximate construction scope on page three of this letter.**

Noise impacts

Micro-tunnelling requires the temporary set-up of a separation plant, located close to the work site to sort the materials (water, dirt, rocks, etc.) pulled from the tunnel. To accommodate the tunnelling activity, the separation plant will be set up in the BC Hydro right-of-way, located off Mountain Highway (refer to image on next page). This temporary facility is expected to be the main source of construction-related noise and vibration impacts. Every effort will be made to minimize these impacts, and noise and vibration will be monitored throughout the project.

Traffic impacts

While this method significantly minimizes impacts to the travelling public, disruptions and delays cannot be avoided. We expect to maintain a minimum of one lane of traffic in each direction at all times through all affected areas on Mountain Highway, with the exception of vehicle access to and from East 20th Street via Mountain Highway, which will be closed for the duration of construction. Safe pedestrian movements will be maintained at all times. For your safety, please obey all traffic signage and flaggers in the area.

The Lynn Valley Trunk Sewer replacement project has been awarded to the contractor Ward & Burke Construction Ltd. Please note that the contractor may be contacting area residents and businesses throughout the construction period to notify of specific anticipated impacts in the area as the project progresses.

We will provide project updates at [DNV.org/Lynn-Valley-Sewer](https://www.dnv.org/Lynn-Valley-Sewer), where you can also sign up to receive significant updates by email.

In the meantime, if you have any questions or concerns about this project, please contact the project team directly by email (LynnValleySewer@dnv.org) or phone (604-990-2450).

Kind regards,

Lynn Valley Trunk Sewer Team - Project Delivery

