



**Project Contacts:**

**Burlington Water Resources:**

For urgent questions/emergencies(24/7): 802-863-4501

Non-Urgent Questions: [water-resources@burlingtonvt.gov](mailto:water-resources@burlingtonvt.gov)

# ADVANCE NOTICE

March 2018

**To: Property Owners on:**

- **Pine Street between Main and Maple as well as Howard to Lakeside**
- **Maple Street between Battery to St. Paul**

**Re: Rehabilitation of Water Mains**

Dear Customer:

The Department of Public Works has procured contractors to complete waterline rehabilitation work on the streets listed above. Work is scheduled to be completed in 2018. Schedule and project information for waterline rehabilitation work can be viewed here:

[www.burlingtonvt.gov/dpw/Current-Water-Resources-Capital-Construction-Projects](http://www.burlingtonvt.gov/dpw/Current-Water-Resources-Capital-Construction-Projects)

The rehabilitated waterline will increase reliability and capacity of our water distribution system. The rehabilitated pipe will reduce the chance of water main breaks and will increase fire flow capability. Long term water quality will be improved. The rehabilitated pipe and its components are all certified by the National Sanitation Foundation (NSF) as safe for potable water. All areas disturbed during construction will be restored to original condition.

Rehabilitating waterlines is completed by either digging and replacing the existing waterline or relining the existing waterline. Waterline dig and replacement work will take place on Maple Street between Battery and Pine. Waterline relining work will take place on Maple Street between Pine and St. Paul. Waterline relining work will take place on Pine Street between Main and Maple as well as between Howard to Lakeside.

**Waterline Relining Details:**

After the existing waterline is cut open the pipe will first be cleaned. The cleaning will remove iron encrustations (tuberculation) that built up over time on the inside of the water main. After cleaning the water main, a structural liner is installed to protect the pipe from future breaks, reduce mineral deposits, and improve the long term water quality and flow capacity of the pipes. The liner and its components are all certified by the National Sanitation Foundation (NSF) as safe for potable water. All areas disturbed during construction will be restored to original condition. As part of this work, it will be necessary for the contractor to install a temporary above ground water main and a temporary water service to your home or business. This water line will provide you potable water as we work on the pipe. The temporary water service will be connected to an outside hose bib on your house if available, otherwise we will require access to your water meter location for our contractor to make

an internal connection. If the pipe is connected to your hose bib, we will make a Y connection available so that you can continue to use your hose. You will receive additional notice prior to this step of the project. Work on individual streets will typically last between 4-8 weeks depending on the length of the pipe and number of pipes being lined on a given street size of the project and generally consists of:

- A. Installation of temporary water main along the curb or sidewalk as well as a temporary water service hose to each building. In order to reduce trip and vehicle access issues associated with these above-ground pipes, we may be asking permission from certain residents to run this pipe through backyards and we may also be digging trenches where appropriate (i.e. in front of driveways or across roads) to bury the larger diameter fire service pipe.
- B. Excavation of access pits at various intervals along the water (this work will be done by Burlington Water Division)
- C. Cleaning the existing water main by dragging high pressure water propelled cleaning devices through the pipe several times to remove the mineral build up.
- D. Inserting a structural liner into the existing water main.
- E. Replacing the majority of valves and hydrants.
- F. Pressure testing, reinstating services through the use of a robotic cutter, disinfecting the newly lined water main and returning it to service.
- G. Restoration of affected curbs, streets, boulevards, sidewalks and driveways will be completed by City Public Works crews after the water main is put back in service.

Once construction begins, for any issues (24/7) related to the temporary water supply pipes or your property's water supply, please contact the SQUAREHAB site supervisor at 802-495- 6284. For all other issues, or for general questions or concerns about the overall project, please contact the Water Division (also 24/7) at 863-4501.

#### Waterline Replacement Details:

As part of this work, a new water line will be constructed in place of the old water line. Properties will be served by a temporary water main throughout construction. Once the new water line is in place, pressure tested and disinfected, services will be disconnected from the temporary water main and connected to the new water line. There may be periodic short disruptions of water service over the duration of the project during certain tie in periods and then a short duration disruption (~2 hours) on the day your water service is connected to the new water line.

For issues, or for general questions or concerns about the overall project, please contact the Water Division (also 24/7) at 863-4501. Non-emergency inquiries can also be submitted via email at [water-resources@burlingtonvt.gov](mailto:water-resources@burlingtonvt.gov).

Thank you in advance for your cooperation with this important utility project.

Burlington Water Resources