



Water Meter Sizing & Installation

Meter Sizing

In order to accurately size water meters, Burlington Water Resources requires a complete plumbing fixture count for all new construction, buildings with a change in use or those that are being renovated with updates to the number and/or type of plumbing. This ensures the meter size selected for the property will accurately record consumption for the expected range of flow, and that property owners aren't paying a higher meter base fee than necessary. This information needs to be remitted in writing and will be reviewed before an appointment can be authorized and scheduled. All decisions regarding meter sizing will be rendered within 30 days and requestors will be notified via email. Please remit the following information:

1. The pipe diameter and material for the incoming water service(s) for the service area and whether the flows will be domestic, fire or combined.¹
2. The total number of floors in the building and expected number of units.
3. If there are existing meters onsite and they will be retained, provide existing and proposed utility plans.
4. The expected use type of the building. If the use type is public then provide the specific type of business (e.g., restaurant, office, dentist, industrial production, etc.).
5. The expected maximum domestic flow demand in gpm.
6. The expected number and type of all plumbing fixtures (e.g., kitchen sink, dishwasher, bathroom sink, utility sink, tank type toilet, quick flush toilet, urinals, shower head, bath tub, combo tub/shower, drinking fountain, ice machine, washing machine, hose bib with diameter, etc.).

Meter Installation

Burlington Water Resources requires the site be prepared in accordance with City Ordinance and related specifications before installing the water meter and turning on service. This may include, but is not limited to, verification of the following items: a capacity allocation letter has been issued, recent bacteriological samples have been taken with passing results (if applicable), appropriate backflow device has been permitted, the service line has been sleeved appropriately, tracer wire has been installed on plastic services (if applicable), connections have been threaded not soldered, a minimum of 18" of service pipe is remaining before the proposed meter location, and any existing account(s) for same property owner are in good standing. We reserve the right to deny meter installation and water service until all conditions are met.

Our Customer Care team is available to review your scheduling options during business hours (Monday-Friday, 8-4) and can be reached at 863-4501 or water-resources@burlingtonvt.gov. We recommend planning ahead for this appointment as we frequently book up and may not have availability for several weeks. We begin site visits at 7 am and schedule most meter installations in 90 minute blocks until 2:30 pm. A property representative is required to remain onsite for the duration and will be asked to sign a work order for any applicable charges.

¹ If the incoming water service will be providing both domestic and fire flows then any Residential Fire Sprinkler System (RFSS) needs to be installed upstream of the water meter to prevent any additional friction losses. Our meter sizing protocol is designed select the smallest meter that can handle the expected maximum domestic design flows while accurately capturing low flow registration.