



Bristol Water and Sewer Department

Water and Sewer Service Work Requirements For New Installations, Repairs, Replacements and Disconnection

All Work Requirements

- A Call Before You Dig (CBYD) must be taken out for the property by the contractor.
- A City or State Excavation (Road Opening) Permit must be taken out by the contractor prior to submitting water or sewer permit.
- Contractor must hold a minimum State of Connecticut P-7 license for all Water work and/or a State of Connecticut P-7 license for all Sewer work.
- License holder must be on site while all work is being performed. If license holder is found not to be on-site while work is being performed, the Bristol Water and Sewer Department may cancel inspection, revoke application and suspend any future application requests by license holder.
- Contractor shall contact the Bristol Water and Sewer Department and complete a Service Application prior to scheduling any work.
- Copy of CBYD and Excavation Permit MUST be submitted to the Bristol Water Department with Service Application.
- All fees must be paid at the time the Service Application is submitted to the Bristol Water and Sewer Department.
- No Work shall be scheduled until the Service Application, all permits and fees are complete.
- For non-emergency work, a minimum of 4 business days may apply for scheduling any work. Emergency work shall be scheduled to allow for inspections to be conducted during normal Bristol Water and Sewer Department business hours.
- For Emergency Work, Contractor shall contact the Bristol Water and Sewer Department office after completing Service Application to schedule prior to any excavation is performed.

- Upon disconnection, the Bristol Water and Sewer Department will issue a Service Disconnection Letter to the City of Bristol Building Department indicating that the water meter to the property has been removed and that the service has been properly disconnected.

Sewer Service Installation, Repair, Replacement or Disconnection for Demolition

- For new service connection replacing Septic Tanks, Hollow Leaching Structures (galleries, dywells, etc.) or Cesspools; **MUST** pull a application/permit with the Bristol-Burlington Health District. Permit must be submitted to the Bristol Water & Sewer Department with Service Application.
- Contractor shall provide a safe trench and shoring shall be installed per OSHA regulations. If trench is deemed unsafe by the Bristol Water and Sewer Department personnel, the contractor shall immediately make any corrections required to provide a safe trench. The Bristol Water and Sewer Department personnel shall not enter any trench deemed to be unsafe or in violation of OSHA regulations.
- All work shall be inspected by Bristol Water and Sewer Department prior to any backfilling. If any area is backfilled prior to inspection, the Bristol Water and Sewer Department will require the area to be re-excavated before approving.
- It will be the contractor's responsibility to follow code when doing any repair work. Should the existing sewer not meet current code for backwater valves, it will be mandatory it be made compliant to current code and should follow above guidelines.
- All new Connections to any sewer main, shall require a gravity backflow preventer as noted in the City of Bristol Code of Ordinances Section 22-19 F(4)

***CITY CODE OF ORDINANCES
SECTION 22-19***

(f) Standard design and construction requirements

(4) Installation. Building sewers and connections shall be laid to a true rate of grade of not less than one (1) foot per hundred (100) feet; shall have not less than three (3) feet of cover at all points; and no other pipe shall be installed within three (3) feet of the building connection; except that conditions may require exceptions as authorized by the director. **All building sewers and connections shall have a gravity back flow preventer.** The size, type, installation and location shall be installed to provide ready access for inspection, service and repair.

- Should the backflow be put inside the residence a plumbing permit with the building department will be required and a 6" clean out will be required within 5' of the buildings foundation exterior
- Should the backflow be put outside it will be required that a 6" Clean Check be placed on the sewer line within 5' of the buildings foundation exterior

- No person other than a Bristol Water and Sewer Department employee may operate a curbstop, gate valve or fire hydrant. Illegal operation will result in a Tampering Fine under the current Miscellaneous Charges approved by the Board of Water and Sewer Commissioners and no work shall be approved until the fine is paid in full.
- No person other than a Bristol Water and Sewer Department employee may remove a meter or meter seal. Illegal operation will result in a Tampering Fine under the current Miscellaneous Charges approved by the Board of Water and Sewer Commissioners no work shall be approved until the fine is paid in full.

ADDITIONAL REQUIREMENTS

Water Service Installation, Repair, Replacement or Disconnection for Demolition

- All work shall be performed in accordance of the Bristol Water and Sewer Department's current specifications.
- All water mains and services must be installed with a minimum 4 ½ feet of cover and must be a minimum 10 horizontal feet from any sewer main, sewer service or potential source of contamination.
- Contractor shall provide a safe trench and shoring shall be installed per OSHA regulations. If trench is deemed unsafe by the Bristol Water and Sewer Department personnel, the contractor shall immediately make any corrections required to provide a safe trench. The Bristol Water and Sewer Department personnel shall not enter any trench deemed to be unsafe or in violation of OSHA regulations.
- All work shall be inspected by Bristol Water and Sewer Department prior to any backfilling. If any area is backfilled prior to inspection, the Bristol Water and Sewer Department will require the area to be re-excavated before approving.

Disconnection of Water

- Contractor must schedule work with the Bristol Water and Sewer Department's Assistant Superintendent of Construction a minimum four (4) days prior to work being performed.
- Contractor must schedule to have the water meter removed with the Bristol Water Department's Assistant Superintendent of Metering and Administration a minimum four (4) days prior to work being performed.
- The Contractor shall excavate the water service at the Water Main and the Bristol Water and Sewer Department personnel will disconnect the service at the main and cap the corporation. Only Bristol Water and Sewer Department personnel are authorized to operate corporation stop. Contractor shall use care when digging around any water main or service and shall hand dig area as required to ensure water main or service pipes are not damaged.

SECTION 715 - BACKWATER VALVES

715.1 Sewage backflow. Where plumbing fixtures are installed on a floor with a finished floor elevation below the elevation of the manhole cover of the next upstream manhole in the public sewer, such fixtures shall be protected by a backwater valve installed in the building drain, or horizontal branch serving such fixtures. Plumbing fixtures installed on a floor with a finished floor elevation above the elevation of the manhole cover of the next upstream manhole in the public sewer shall not discharge through a backwater valve.

2015 International Plumbing Code

Disconnection of Sewer

- Contractor must schedule work with the Bristol Water and Sewer Department's Assistant Superintendent of Construction a minimum four (4) days prior to work being performed.
- The Contractor shall excavate the sewer service at the Street Line. Contractor shall disconnect the service and cap the service. Contractor shall use care when digging around any sewer main or service and shall hand dig area as required to ensure sewer main or service pipes are not damaged.
- Disconnection must be inspected and approved by the Bristol Water and Sewer Department prior to backfilling.
- Upon disconnection, the Bristol Water and Sewer Department will issue a Service Disconnection Letter to the City of Bristol Building Department indicating that the sewer service to the property that the service has been properly disconnected.

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