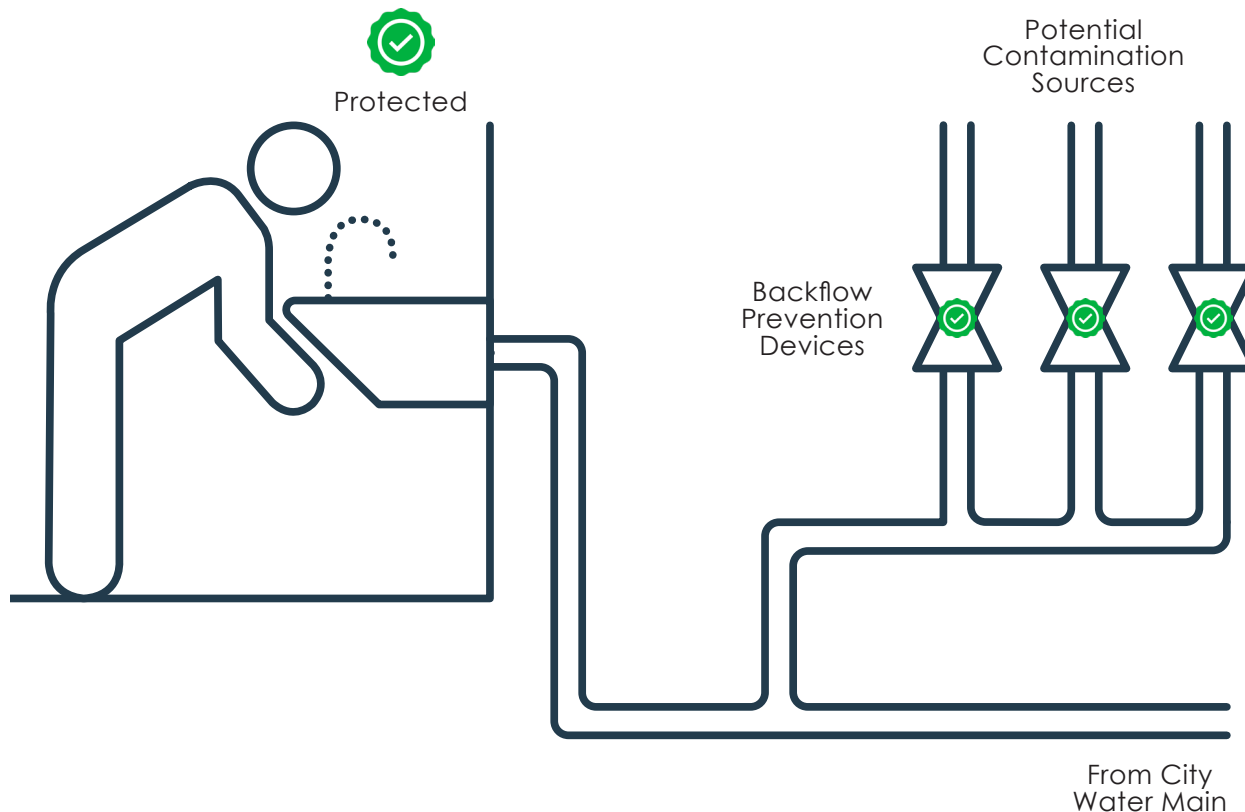


What is backflow prevention?

The addition of a device to prevent contamination when water flow is reversed.

Why do we need backflow prevention?

To protect the health of you, your family, employees, customers, and neighbors.



Potential Contamination Sources

Because the water in your plumbing system comes in contact with various fixtures or equipment, contamination can occur during a backflow incident if not correctly protected. The list below is not comprehensive but is a good starting place when assessing your commercial water system.

- Irrigation systems
- Fire sprinklers
- Washing machines
- Commercial dishwasher
- Soda machines
- Coffee/espresso makers
- Spa chairs
- Toilets
- Boilers
- Chemical mixing tanks
- Soap dispensing systems
- Chillers
- Water reclamation devices
- Pressure pumps
- Medical/lab equipment

Backflow Prevention

Protecting Public Health



Is your water system equipped to prevent a backflow event, when the water flow in the pipes is reversed? The potential for backflow exists wherever there is a heating system, elevated tank, pumps, or other pressure-producing equipment. If the pressure drops, the reverse water flow in the supply piping allows contaminants to enter the public drinking water system through a cross-connection. This can potentially harm you, your family, employees, customers, and neighbors.

We understand that compliance with the City's requirements involves your time and resources. However, in meeting these important regulations, you help us protect the health and safety of the 130,000+ people who call Pearland home.

Learn more



Pearland Water's Cross-Connection Control Program

A cross-connection is any actual or potential connection between the public water supply and a source of contamination or pollution. The program, which ensures local ordinances and state regulations are met, begins with identifying all businesses, industries, and residences that receive city water. It also ensures that backflow prevention assemblies are installed, inspected, and periodically tested and repaired, as needed.



Approved backflow prevention assemblies must be installed by licensed plumbers and contractors.



Installation must comply with City of Pearland's regulations and local ordinances.



Only a certified backflow prevention assembly tester, who is registered with both Texas Commission on Environmental Quality (TCEQ) and with the City, may inspect and/or test backflow prevention assemblies.

