

# **BACKFLOW PREVENTION ASSEMBLIES PROTECT OUR DRINKING WATER SUPPLY**

## **Backflow Testing Program**

Federal and State laws require all water providers to meet certain standards to obtain, treat, and deliver water to protect public health. Texas Commission on Environmental Quality (TCEQ) requires all water providers establish a Cross-Connection Control and Backflow Prevention Program. This includes requirements for the installation of backflow assemblies or devices preventing the flows or back-siphonage from unwanted connections that may threaten public health. TCEQ requires all backflow devices or assemblies:

- The RP must be installed a minimum distance of five (5) feet from the meter service.
- RP's must be installed in a horizontal position and in a location in which no portion of the RP can become submerged under any circumstances.
- Backflow preventors installed outside must be protected from freezing, must be installed a minimum distance of twelve (12) inches above the ground, no higher than four (4) foot above ground.
- Must be tested upon installation and at least once annually. Additional testing may be required depending on the health hazard.
- Must receive a periodic Customer Service Inspection. The inspection is intended to identify and validate all device locations, their appropriateness, and determine if additional devices are required.

Implementation of this program is mandated by the Texas Commission on Environmental Quality (TCEQ).

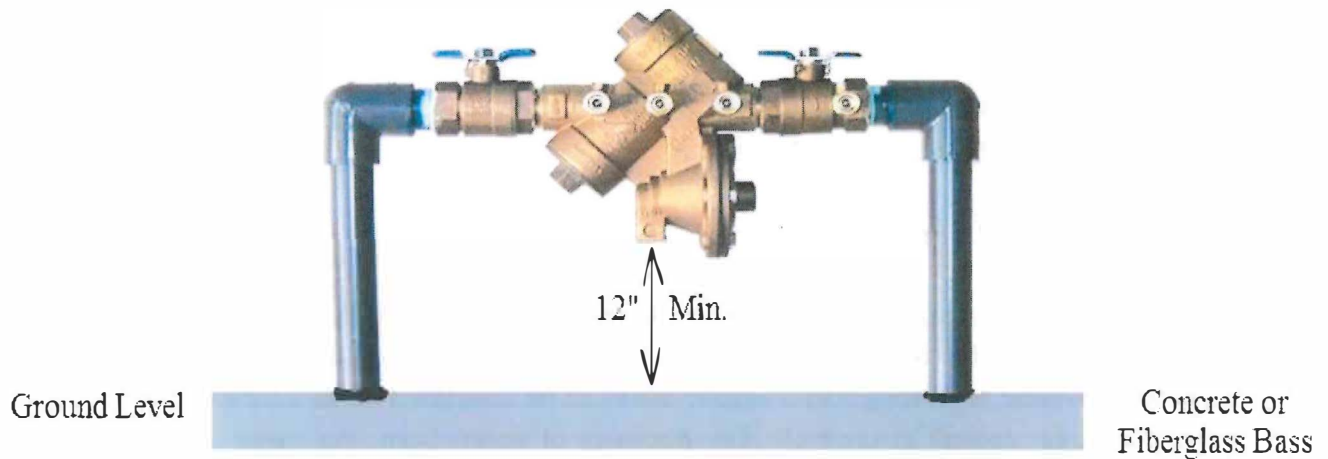
ECSUD has established a Backflow Testing Program to assure the backflow prevention devices protecting the District's water system from potential health hazards are tested annual. The program requires property owners maintain responsibility for ensuring their backflow prevention device is in good working order and providing annual test reports as proof of compliance.

## **Customers**

Backflow testing is the owner's responsibility and is paid for by the owner.

All repairs, replacements, or overhaul assemblies must also be performed by licensed backflow prevention assembly tester.

## Reduced Pressure Principal Backflow Assembly Installation Diagram



**An above ground enclosure that covers the backflow preventer is recommended. This is to protect the backflow preventer from freezing.**

