

CROSS CONNECTION CONTROL PROGRAM

BACKGROUND

The City of Aledo is required by the Texas Commission on Environmental Quality (TCEQ) to maintain a cross-connection control program that protects the distribution system delivering drinking water to your home or business.

PROGRAM STANDARDS SET BY TCEQ

- Inspection of plumbing to identify and prevent cross-connections and potential contamination.
- Installation and testing of backflow prevention assemblies.
- Rules to prevent cross-connections and unacceptable plumbing practices - ordinances, regulations, service agreements, and a plumbing code.

PROGRAM GOAL

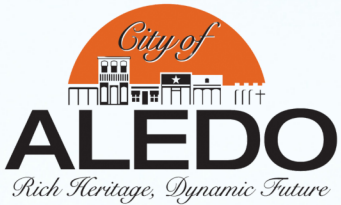
The main goal of this program is to ensure all customers have clean and safe drinking water. In order to protect our water supply, all potentially hazardous connections are; required to use, maintain and regularly test backflow prevention assemblies in their plumbing systems.

CITY OF ALEDO'S RESPONSIBILITY

The City is responsible for enforcing the Cross Connection Control Program requirements and ensuring all customers comply with the City ordinance.

CUSTOMER'S RESPONSIBILITY

The customer is responsible for protecting the water on your property. That responsibility starts at the water meter and includes the entire property's water system. All costs associated with installation, operation and testing and maintenance of backflow prevention decides are the responsibility of the customer. Copies of the installation, tests and repairs must be provided to the Aledo Public Works Department.



MORE INFORMATION



PHONE

817-441-7016



WEBSITE

www.AledoTX.gov



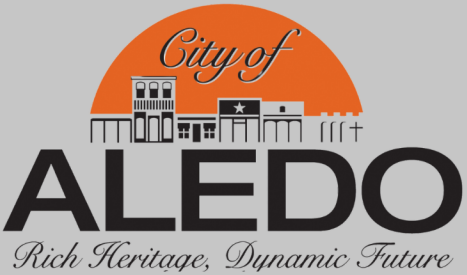
LOCATION

104 Maverick Road
Aledo, Texas 76008



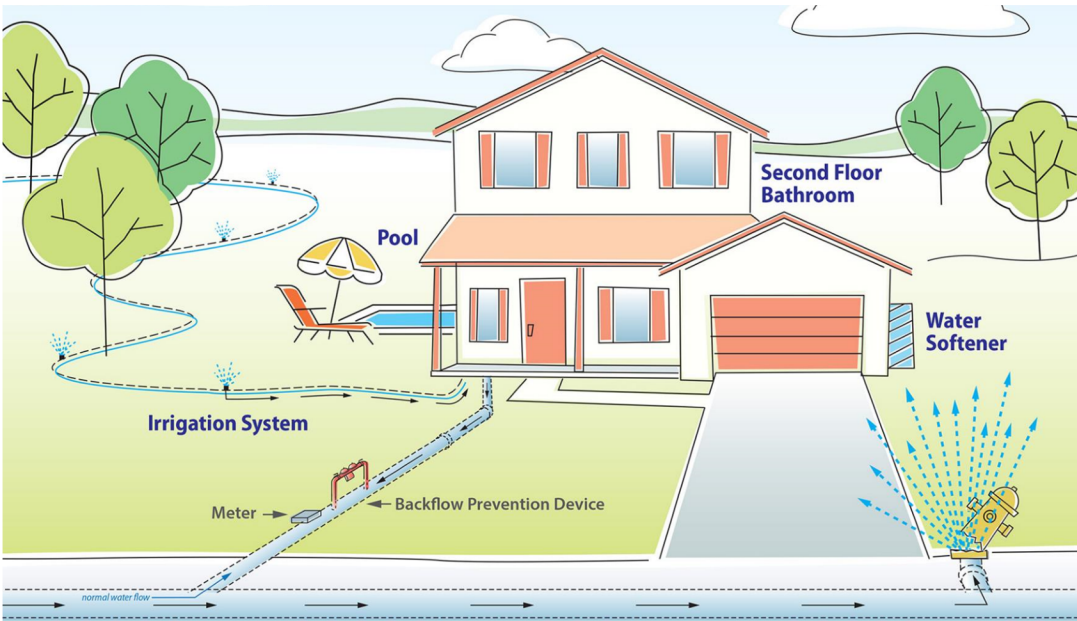
ADDITIONAL RESOURCES

<https://www.tceq.texas.gov/drinkingwater/cross-connection>
http://www.vepollc.com/save_bpats.aspx?wid=1084
www.aledo.veporesports.com
<https://www.abpa.org/page/FAQ>



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CITY OF ALEDO | PUBLIC WORKS



WHAT IS A CROSS-CONNECTION?

A physical connection between potable water and an actual or potential contamination hazard that could make the water unsafe to drink. Wherever there is a cross-connection, there is a potential threat to public health from contaminants.

CROSS-CONNECTION EXAMPLES

- Private Well
- Lawn Sprinkler System
- Carbonator for Drink Machine
- Chemical Injection Units
- Firelines
- Pressure Washers
- Ice Machines
- Mop Sinks
- Water Softener System
- Garden Hose

WHAT IS BACKFLOW?

Water flowing in the opposite of its intended direction, either from a loss of pressure in the supply lines or an increase in pressure on the customer’s side. When the water backflows it can carry contaminants with it into the water lines.

HOW CAN BACKFLOW BE PREVENTED?

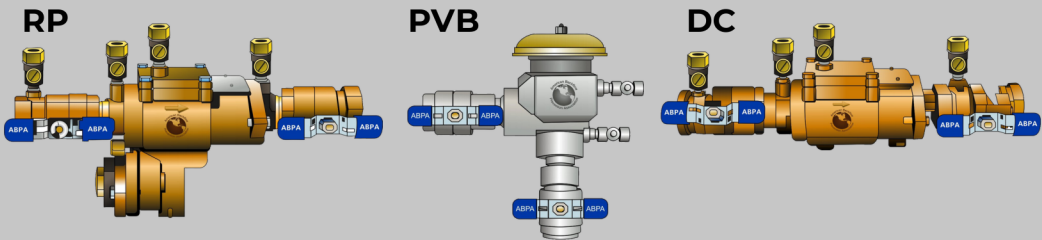
Backflow into a potable-water system can be prevented by using a backflow-prevention assembly, or an air gap, which is a physical separation between the water supply and a potential source of pollution. Licensed professionals as well as your public water system are responsible for determining the type of backflow-prevention assembly required, based on the degree of hazard.

BACKFLOW PREVENTION ASSEMBLIES

Backflow prevention assemblies can fail, therefore the TCEQ requires testing of all backflow prevention assemblies at installation by a TCEQ-licensed tester.

Examples of Backflow Assemblies:

- Double Check Valve Assembly (DC)
- Reduced Pressure Zone Assembly (RP)
- Pressure Vacuum Breaker Assembly (PVB)
- Spill-Resistant Vacuum Breaker (SVB)
- Reduced Pressure Principle Detector Assembly
- Double Check Detector Assembly



RESIDENTIAL PROPERTIES

For the most part, residential properties have backflow prevention assemblies installed when the house is built and have few cross-connections. The most common example a residential cross-connection would be a sprinkler system. At the time the system is installed the backflow prevention assembly is/should be installed by the installer. Guidelines for this process can be found on the City website. Regular backflow testing is not required however, customers are responsible for water on their property.

COMMERCIAL PROPERTIES

Commercial properties more commonly have cross-connections and require regular testing by a licensed backflow prevention assembly tester. Licensed testers can be found on the City website. Commercial property owners are responsible for submitting copies of installations, tests and repairs to the Aledo Public Works Department,

Customers required to facilitate annual testing will be notified by mail from the City of Aledo.



CROSS-CONNECTION CONTROL PROGRAM

- The city has a service agreement with VEPO, LLC, a company that uses a system called Envirotrax®. This is a complete online backflow assembly testing, tracking and reporting system.
- Envirotrax® is offered to any city or water purveyor at no charge. All fees are paid by the Backflow Prevention Assembly Tester (BPAT).
- The system provides the online tools necessary to quickly and easily enter Backflow Prevention Assembly Test and Maintenance Reports and to perform renewal testing of the backflow assemblies.
- Envirotrax® includes online Customer Service Inspection (CSI) management to provide a complete Cross-Connection Control Program.



REQUIRED TESTING PROCESS

- If a customer is required to annually test their backflow prevention assembly, they will receive a letter from the City of Aledo.
 - If customers are unsure, please call the City of Aledo at (817) 441-7016.
- Hire a licensed tester from the list found on the City Website.
- Complete required test.
- Submit record of test to City of Aledo Public Works Department.