



TWIN CREEK WATER SUPPLY CORPORATION

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Cross-Connection Control Policy

Twin Creek WSC shall determine if a Back-Flow Prevention Assembly or Assemblies are required. If required, Twin Creek WSC shall determine the type of Back-flow Prevention Assembly or Assemblies and the installation locations of the assembly or assemblies based on the degree of hazard (health or non-health) along with any other relevant considerations. The determination shall include whether interior controls only will be required, premises isolation control only will be required, or if both type of controls will be required.

If the required Back-Flow Prevention Assembly or Assemblies are testable devices, they must be installed by a licensed plumber or irrigator (if applicable) and inspected by a certified Back-flow Prevention Assembly Tester (BPAT). The tester must send the original (not copy) test results to Twin Creek WSC in a timely fashion on the most current TCEQ form. The tester must also send the current testing equipment calibration report and a copy of his/her tester certification license. **All testable Back-Flow Prevention Assemblies must be tested annually, and the test results sent to Twin Creek WSC timely along with the same additional information shown above.**

For all accounts that have testable backflow devices, Twin Creek WSC will endeavor to send a reminder notice about 30 days in advance of the anniversary date of the original backflow preventer assembly testing date. This should provide an adequate amount of time for the device to be certified that it is in good working order and for the required paper-work to be received in our office. Please be advised, that failure to meet this requirement may result in the disconnection of your water service until the requirement is met.

Definitions

- 1.) RPBA-Reduced Pressure Back-flow Assembly
- 2.) PVB-Pressure Vacuum Breaker
- 3.) AG-Air Gap
- 4.) DCVA-Double Check Valve Assembly
- 5.) AVB-Atmospheric Vacuum Breaker
- 6.) HBVB-Hose Bibb Vacuum Breaker

I.) Lake Pump Irrigation Line Connected to TCWSC Line

Health

Require RPBA

- 1.) Must have a RPBA back-flow preventer because it is possible that the lake pump could have greater pressure than TCWSC lines when we have a pressure droppage or when a back-siphonage occurs.
- 2.) The RPBA must be installed at the house on the water line or lines supplied by TCWSC that feed the irrigation system.

II.) Private Well Lines Cross Connected to TCWSC Water Lines

Health

No connection to any water line supplied by TCWSC is allowed. No jumper or by-pass is allowed.

III.) TCWSC Water Lines Located on Docks/Piers/Dockside Facilities

Health

Require RPBA

- 1.) Must have a RPBA back-flow preventer installed on water line at a location above highest flood plain elevation.

IV.) Watering Troughs Supplied with TCWSC Water

Health

Require AG or PVB

- 1.) Must have a PVB back-flow preventer installed or an air gap located above the top rim that is 2x the diameter of the service pipe or a minimum of 1" whichever is greater.
- 2.) The air gap method can be utilized with either a fixed manual feed or part of an automated float device system.
- 3.) Refer to our display or to the website for information concerning how to incorporate an approved air gap on an automatic float device system.

V.) Restaurants, Convenience Stores, and Other Locations with vending machines that have carbonation units and connected water line.

Non-Health

- 1.) Require RPBA or PVB

**VI.) Swimming Pools-Private
Non-Health**

- 1.) Require PVB or AG

**VII.) Irrigation System
w/Chemical Additives
Health**

- 1.) Require RPBA

**w/o Chemical Additives and NO Septic System on Same Site
Non-Health**

- 1.) Require DCVA, AVB or PVB

**w/o Chemical Additives and installed on site that has a Septic System
Health**

- 1.) Require RPBA on the irrigation branch or branches to TCWSC water if installed after 2009.

**VIII.) Kitchen Equipment-Commercial
Non-Health**

- 1.) Require AVB

**VIII.) Veterinary Clinic
Health**

- 1.) Require RPBA or AG

**X.) Animal Feed Lot
Health**

- 1.) Require RPBA OR AG

**XI.) Slaughter Houses
Health**

- 1.) Require RPBA or AG

**XII.) All water lines serviced by TCWSC that are directly connected without an approved air gap to any Chemical including, but not limited to, Herbicides, Pesticides, Fertilizers, Cleaners, or other such Additives.
Health**

- 1.) Require RPBA

XIII.) Hose bibbs with attached water hoses utilizing hand-held dispensers of Herbicides, Pesticides, Fertilizers, Cleaners, or other such Additives.

- 1.) Require AVB or HBVB