

# GUIDELINES FOR BACKFLOW INSTALLATION AND REQUIREMENTS



East Valley Water District currently maintains a Cross-Connection Control program under Title 17 of the State of California Administrative Code by conducting site surveys and inspections of customers' properties to determine if any potential hazards exist that would require the need of backflow protection.

EVWD requires the annual testing and maintenance of all currently installed backflow devices. The backflow devices are tested by certified backflow testers. All backflow test forms are also recorded and filed by district personnel.

The following guidelines were not intended to be all-inclusive and were developed to assist in backflow installation.

- State of Policy: Cross Connection assemblies required for water service will remain the responsibility of the property owner. Pursuant to East Valley Water District Ordinance 395, Section 9.01, the property owner will also be responsible for any testing or repair to the backflow assembly.
- All devices must be State approved and must meet University of Southern California, 10th Edition specifications.
- All backflow assemblies installed for meter protection, must be Reduced Pressure Principle (RPP) assemblies.
- Approval must be given by East Valley Water District as to the location of the device to be installed prior to installation.
- East Valley Water District requires all backflow devices to be installed as close to the service meter as possible without interfering with any City right-of-ways such as sidewalks, etc.
- The relief valve must be installed with a minimum distance of 12 inches to the finished floor level. The height of the device must not exceed 36 inches from floor level. The device must be installed with a minimum distance of 24 inches on the test cock side of the device and must have a total clearance on all sides of 12 inches. The device must be accessible with easy access for testing.
- After installation, a certified backflow tester must test the backflow device. The paperwork must then be submitted to the East Valley Water District prior to service being turned on.
- East Valley Water District's responsibility will be for repairs from the water main to the meter only.
- Attached to these guidelines you will receive an engineered drawing of an properly installed RPP backflow device.
- Attached is a partial list of certified backflow testers for San Bernardino County.
- There must be a 24-hour notice given to East Valley Water District prior to water service being turned on for backflow testing.

## QUESTIONS REGARDING YOUR BACKFLOW INSTALLATION OR TESTING OF THE DEVICE

Contact Mike Hurst, Water Quality Coordinator (909) 772-5154

Attachments: Installations Guidelines for RPP; Certified Backflow Testers List