

# Cross-Connection Control and Backflow Prevention

Information for public water systems and their customers on identifying potential cross connections and preventing contamination from backflow into drinking-water systems.

To protect public health, our Cross-Connection Control (CCC) and Backflow Prevention Program is committed to helping you protect your drinking water system from potential contamination. The Cross-Connection Control Subcommittee advises us in this effort.

What is a cross-connection? According to TCEQ 290.38(12), a cross-connection is a physical or potential connection between a public water supply and:

1. Another supply of unknown or questionable quality.
2. A source which may contain polluting or contaminating substances.
3. Any water source treated to a lesser degree.

**RESTRICTIONS:** The following unacceptable practices are prohibited by State regulations.

1. No direct connection between the public drinking water supply and a potential source of contamination is permitted. Potential sources of contamination shall be isolated from the public water system by on air gap or an appropriate backflow prevention device.
2. No cross-connection between the public water supply and a private water system is permitted. These potential threats to the public drinking water supply shall be eliminated at the service connection by the installation of an air-gap.
3. No connection which allows water to be returned to the public drinking water supply is permitted.
4. No pipe or pipe fitting which contains more than 8.0% lead may be used for installation or repair of plumbing at any connection which provides water for human use.
5. No solder or flux which contains more than 0.2% lead can be used for the installation or repair of plumbing at any connection which provides water for human use.

**ENFORCEMENT:**

1. The Customer shall allow his property to be inspected for possible cross-connections and other potential contamination hazards. These inspections shall be conducted by Walnut Creek S. U. D. or its designated agent prior to initiating continuous water service; when there is reason to believe that cross-connections or other potential contamination hazards exist; or after any major changes to the private water distribution facilities. **The inspections shall be conducted during normal business hours.**
2. Walnut Creek S. U. D. shall notify the Customer in writing of any cross-connection or other potential contamination hazard which has been identified during the initial inspection or the periodic reinspection.
3. The Customer shall immediately remove or adequately isolate any potential cross-connections or other potential contamination hazards on his premises.

4. The Customer shall, at his expense, properly install, test, and maintain any backflow prevention device required by Walnut Creek S. U. D. ***Copies of all testing and maintenance records shall be provided to Walnut Creek S. U. D.***

Walnut Creek SUD is updating our policy for cross-connection and backflow prevention. The customer will have 45 days to comply with our policy once a cross-connection or potential cross-connection has been identified. After which time **IF the customer fails to come into compliance with the policy, WATER SERVICE will be terminated** until customer is in compliance with the cross-connection and backflow prevention policy. Once service is restored a **reconnect fee** will be applied to your account.