

Backflow and Cross-Connection Control

The District is committed to ensuring a safe, high-quality, and reliable drinking water system. An important part of the District's water quality program is backflow and cross-connection control. All work shall comply with the District's Rules and Regulations. Below are the requirements for Cross-Connection Control:

1. A Hazard Assessment Questionnaire (found on the next page) must be completed to determine if actual or potential cross-connection exists which may pose a risk of contamination to the District's water system.
2. Cross-connections are eliminated whenever possible or effectively controlled through the installation of approved Backflow Prevention Assemblies (BPA) or Air Gaps. these measures must comply with Chapter 3, Article 3 of the State Water Resources Control Board's Cross-Connection Control Policy Handbook. The level of backflow prevention required is based on the hazard identified during the assessment.
3. In cases where the premise is unavailable for an on-site inspection during normal business hours, the assessment may initially be conducted via phone or e-mail. if the degree of hazard cannot be determined from this information or from relevant site records, an on-site inspection will be scheduled.
4. In-person hazard assessments will be conducted in substantial conformance with the procedures outlined in the most current edition of the Manual of Cross-Connection Control, prepared by the Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California. Findings from in-person assessments will be documented.
WVWD has legal authority to implement corrective actions if a Developer/Owner fails to comply with the installation, inspection, field testing, or maintenance of BPAs, or with the requirements of it's cross-connection control program. These provisions are detailed in Article 8 of WVWD's Rules and Regulations. Failure to install the appropriate BPA may result in water service disconnection.

These requirements are established under the District's [Rules and Regulations](#) and its Cross-Connection Control Plan (CCCP) and administered in accordance with the State Water Resources Control Board's [Cross-Connection Control Policy Handbook](#) (CCCPH). This program applies to all service connections within the District's jurisdiction.

Hazard Assessment Questionnaire

Please indicate Yes or No for each of the items listed below if they are or will be present in your premises.

- Yes No Are there four or more stories in the building?
- Yes No Is there an existing and/or proposed irrigation system?
 - Yes No If yes, will chemicals be added to the landscape irrigation / in-ground sprinkler system?
- Yes No Will the property use recycled water for irrigation?
- Yes No Will there be rainwater collection?
- Yes No Is there an existing and/or proposed fire sprinkler system?
 - Yes No If yes, will chemicals be added to the fire sprinkler system?
- Yes No Is there a boiler, solar heat exchanger or radiant heat?
- Yes No Is there a cooling tower?
- Yes No Is there a water treatment equipment (i.e., water softener)?
 - Yes No If yes, does the backwash / cleaning cycle have an air gap?
- Yes No Will there be graywater collection?
- Yes No Is there a holding tank for water, wastewater or other liquids?
- Yes No Is there a swimming pool, hot tub, spa, water fountain/feature or decorative pond?
 - Yes No If yes, if hose-filled, does the hose bib have a vacuum breaker?
 - Yes No If direct water line, does it include a backflow preventer or air gap?
- Yes No Does your direct water line include a backflow preventer or air gap?
- Yes No Are there any other alternate water source (i.e. well, spring)?
- Yes No Is there a water pressure boosting pump or recirculating pump?
- Yes No Is there on-site sewage (septic) pump station?
- Yes No Will air vacuum breakers or check valves be installed on outside faucets?
- Yes No Will hazardous chemicals be stored on-site?
- Yes No Do you currently have a backflow prevention device installed?
 - If yes, provide:
 - Make: _____ Model: _____
 - Serial #: _____ Size: _____
 - Location: _____