

APPENDIX B

A REGULATION FOR THE CONTROL OF BACKFLOW AND CROSS-CONNECTIONS

Amendment to Mil Potrero Mutual Water Company
Rules, Regulations and Rates,
Section C: General Regulation, 5. Cross Connections

CROSS-CONNECTION CONTROL — GENERAL POLICY

1. Purpose

The purpose of this regulation is to protect the public potable water supply of Pine Mountain Club, California, from the possibility of contamination or pollution by isolating contaminants or pollutants within a consumer's internal distribution system(s) or private water system(s) that could backflow into the public water system. This policy aims to promote the elimination or control of existing cross-connections, actual or potential, between a consumer's potable water system and non-potable water systems, plumbing fixtures, and industrial piping systems.

Additionally, this policy provides for the maintenance of a continuing Cross-Connection Control Program, systematically and effectively preventing contamination or pollution of all potable water systems.

2. Responsibility

MPMWC is responsible for the protection of the public potable water distribution system from contamination or pollution due to backflow. If MPMWC determines that an approved backflow prevention assembly is necessary for the safety of the water system at a consumer's water service connection or within the consumer's private water system, MPMWC will provide written notice to the consumer to install such an assembly at a specified location on the premises.

Failure or refusal to install, test, or maintain the required assembly will result in the discontinuation of water service to the premises until the requirements have been satisfactorily met.

3. Requirements

3.1 Water System Components

- **Water Supplier's System:** The system consists of the source facilities and distribution system, which includes all facilities under MPMWC's control up to the point where the consumer's system begins.
- **Consumer's System:** The system beyond the termination of MPMWC's distribution system, which conveys potable water to points of use.

3.2 Backflow Prevention Assemblies

An approved backflow prevention assembly must be installed at each service connection when any of the following conditions exist:

- **Auxiliary Water Supply:** If a premise has an auxiliary water supply that may be of unsafe quality and is not acceptable as an additional source, backflow protection must be provided through an approved backflow prevention assembly.
- **Hazardous Industrial Fluids:** If any industrial fluids or objectionable substances are handled in such a way that they pose a risk to the public water system, backflow protection must be provided.
- **Unprotected Cross-Connections:** If a premise has internal cross-connections that cannot be permanently corrected, or if the premises have intricate plumbing that makes it impossible to identify dangerous cross-connections, backflow protection must be provided.

3.3 Types of Backflow Prevention Assemblies

The type of assembly required depends on the degree of hazard posed to the water system:

- **Air Gap or Reduced Pressure Principle Assembly:** Required for premises with a significant health hazard (e.g., sewage treatment plants, chemical manufacturing).
- **Double Check Valve Assembly:** Used for premises where non-hazardous, but objectionable, substances are handled.

3.4 Approved Backflow Prevention Assemblies

Only backflow prevention assemblies that meet MPMWC standards are permitted. These assemblies must conform to the guidelines set out in the *Cross-Connection Control Policy Handbook (CCCPH)*. MPMWC will maintain a list of approved assemblies and testing laboratories.

3.5 Maintenance and Testing

It is the responsibility of the consumer to ensure that all backflow prevention assemblies are tested upon installation and at least once per year, or more frequently if required by MPMWC due to the level of hazard. Testing shall be performed by certified testers, and any defective assemblies must be repaired or replaced at the consumer's expense.

3.6 Compliance and Enforcement

MPMWC is authorized to take necessary actions to enforce compliance with this policy. This may include requiring the installation of backflow prevention assemblies, conducting inspections, and discontinuing water service to premises with unprotected cross-connections.

4. Enforcement

MPMWC may deny or discontinue service to any premises found to be in violation of the cross-connection control requirements. The service will not be restored until the issue is corrected, and the necessary backflow prevention assembly has been installed, tested, and maintained according to MPMWC standards.

Water service will also be discontinued if a backflow prevention assembly is removed, bypassed, or if an unprotected cross-connection is discovered. Service will only be restored once the water system is in compliance with the requirements outlined in the *Cross-Connection Control Policy Handbook (CCCPH)*.

5. Consumer's Responsibility

It is the consumer's responsibility to:

- Provide access to the premises for inspection and testing.
- Install and maintain backflow prevention assemblies as required by MPMWC.
- Test backflow prevention assemblies annually and at any other interval as specified by MPMWC.
- Notify MPMWC when tests are scheduled so that an authorized representative can witness the tests.

6. Exemptions

Backflow prevention assemblies that were approved and installed prior to the adoption of this policy and that meet the relevant standards will be grandfathered, provided they are properly maintained and function effectively. However, when the device is moved, requires significant maintenance, or is deemed hazardous, it must be replaced by an approved backflow prevention assembly.

7. Miscellaneous Provisions

MPMWC reserves the right to make any reasonable rules and policies necessary for the enforcement of this regulation. All such rules and policies will be consistent with the provisions of the *Cross-Connection Control Policy Handbook (CCCPH)* and will become effective as per the approval of the MPMWC Board of Directors.

Date: 1-29-25

By: 
Kris Staidle, Board President

Date: 2/12/24

By: 
Bill Martin, Board Secretary

Date: 3/28/25

By: 
Bill Black, Board Treasurer

Attachments:

1. MPMWC Cross-Connection Field Survey Form
2. MPMWC SOP Water Use Survey of New and Existing Connections
3. MPMWC Staff Training in Cross-Connection Control
4. MPMWC Backflow Testing Standard Operating Procedure
5. MPMWC Records of Backflow Locations, Tests, and Repairs
6. MPMWC Periodic Test and Maintenance Compliance Letter
7. MPMWC Backflow Tester Form
8. MPMWC 1st Notice to Install Service Connection Protection
9. MPMWC 2nd Notice of Non-Compliance to Install Connection Protection
10. MPMWC Non-Compliance of Periodic Test and Maintenance Letter
11. MPMWC Notice of Discontinuance of Water Supply Letter
12. MPMWC Notice of Shutdown Letter
13. MPMWC Backflow Incident Report Form
14. MPMWC List of Approved Certified Testers
15. MPMWC Incident Response for Cross-Connection and Backflow Contamination