

# King's Mountain Park Mutual Water Company Prevention of Contamination by Backflow And Cross-Connections Program

Adopted: January 30, 2011

## A. Authority and Purposes

1. Title 17, Sections 7583 through 7605 of the California Code of Regulations, entitled "Protection of Public Water System at Service Connection," provides rules and regulations governing Cross-Connections.
2. Title 17, Section 7584 of the California Code of Regulations provides in part: "The water suppliers shall protect the public water supply system from contamination by implementation of a Cross-Connection control program." The King's Mountain Mutual Water Company is a water supplier within the meaning of Title 17, Section 7583 of the California Code of Regulations.
3. In order to provide for an orderly and adequate means of protection of the King's Mountain Mutual Water Company Water System from Backflow, the requirements set forth below are reasonable and necessary for the protection of the King's Mountain Mutual Water Company Water System and the public health and welfare. New Service Connections shall be installed and existing Service Connections shall be modified to conform to the requirements provided in this document.

## B. Incorporation of Title 17 of the California Code of Regulations

The regulations of the Department of Public Health, Title 17 of the California Code of Regulations, Sections 7583 through 7605, as amended from time to time, are hereby adopted, incorporated by reference herein and made a part hereof, insofar as the same are applicable to the protection of the King's Mountain Mutual Water Company Water System.

## C. Physical Surveys

The King's Mountain Mutual Water Company will conduct a survey of each property on the system within 30 days of adoption of this program to identify any areas where cross contaminations are likely to occur. Thereafter, the King's Mountain Mutual Water Company will conduct inspections as needed as property is developed, but with a frequency of no less than every two years if no development is noted on the property. Property development will be monitored on a monthly basis as meters are read. Surveys will be performed using the San Mateo County Cross Connection Survey Form as provided by the San Mateo County Department of Environmental Health.

## D. Training for Program

The King's Mountain Mutual Water Company will have one person trained in Cross connection control to carry out the cross connection program. This trained person will be signing the survey documentation and provide a full accounting to the board of directors.

#### E. Maintenance of records.

The maintenance of records of the property surveys, and the locations of tests and repairs of backflow preventers will be held in a central file to be stored on King's Mountain Mutual Water Company property in the maintenance facility. A copy will be sent to the San Mateo County Department of Public Health. A copy of the Cross contamination control program, the CCR's that regulate the program and all supporting documentation will be available for the King's Mountain Mutual Water Company board of directors and for individual customers upon request.

#### F. Requirements for Backflow Prevention Devices

Backflow Prevention Devices shall be required at the Service Connection of all Premises in the following categories:

1. Premises having an Auxiliary Water Supply.
2. Premises on which any substance is handled under pressure in such a fashion as to permit the substance's possible entry into the King's Mountain Mutual Water Company Water System, including water originating from the King's Mountain Mutual Water Company Water System.
3. Premises where the Customer's System has more than one Service Connection.
4. Premises that contain a Cross-Connection or the potential for a Cross-Connection that could result in the pollution or contamination of the King's Mountain Mutual Water Company Water System in the event of backflow.
5. Premises having multiple use capabilities.
6. All Private Systems for fire suppression or other purposes.
7. Certain Metered Services. A Reduced Pressure Principal Device (RP) as identified in the King's Mountain Mutual Water Company Specifications and Plans will be required to be installed with Meters serving all non-residential Parcels, including irrigation services, and any residential Parcels used for business purposes as determined by the King's Mountain Mutual Water Company.

#### G. Installation of Backflow Prevention Devices

Installation of a Backflow Prevention Device, where required by the King's Mountain Mutual Water Company, shall be a condition of water service. The installation of a Backflow Prevention Device shall be deemed permanent for all Service Connections described.

1. New Service Connections. At the time a new Application for Water Service is made, the King's Mountain Mutual Water will review the application to determine, in accordance with applicable King's Mountain Mutual Water Company regulations, whether a Backflow Prevention Device is required to be installed on the Applicant's Service Connection. If a Backflow Prevention Device is required, it shall be the Applicant's responsibility at his or her sole expense to install the device.

The Backflow Prevention Device shall be furnished by the Customer as specified and when required by the King's Mountain Mutual Water Company, installed per County Standards and inspected by King's Mountain Mutual Water Company staff.

2. Existing Service Connections without Backflow Prevention Devices. The King's Mountain Mutual Water Company may inspect a Premises' existing Service Connection and determine if the Premises requires a Backflow Prevention Device . If it is determined that a Backflow Prevention Device is required, the installation of such a device in compliance. It shall be a condition of continued King's Mountain Mutual Water Company water service. If required, the Backflow Prevention Device shall be furnished and installed by the Customer, per County standards, and inspected by King's Mountain Mutual Water Company staff.

If a Customer fails to install a required Backflow Prevention Device within a reasonable time limit set forth in a written notification from the King's Mountain Mutual Water Company, the King's Mountain Mutual Water Company shall suspend water service to the Parcel being served. Alternatively, the King's Mountain Mutual Water Company's option and upon notification to the Customer, the King's Mountain Mutual Water Company may install the Backflow Prevention Device and charge the Customer the full cost of the device and its installation and testing.

3. Upgrading of Existing Backflow Prevention Devices. An existing Backflow Prevention Device that fails to meet applicable state, county, and local standards and specifications and any amendments thereto, does not provide adequate protection from potential backflow hazard and shall be upgraded at the Customer's expense.

Upgrading may include complete replacement of the Backflow Prevention Device as determined by King's Mountain Mutual Water Company staff.

4. Repair of Existing Backflow Prevention Devices. An existing Backflow Prevention Device that fails its annual test shall be repaired or replaced and retested.

5. Ownership of Backflow Prevention Devices. All Backflow Prevention Devices installed or upgraded either by a Customer or by the King's Mountain Mutual Water Company shall be owned and maintained by the Customer after acceptance by the King's Mountain Mutual Water Company.

#### H. Testing of Backflow Prevention Devices

1. Testing – As required by law, the King's Mountain Mutual Water Company shall notify each Customer annually to have their Backflow Prevention Device tested by a King's Mountain Mutual Water Company Approved Certified Tester. Each Customer shall have thirty (30) days to execute the test. Results of the test shall be submitted to the King's Mountain Mutual Water Company within ten (10) days of the completed test. If the Customer fails to have the device tested in a timely manner, then the King's Mountain Mutual Water Company shall test the device. Costs for such tests shall be charged to the Customer.

2. Prior to acceptance by the King's Mountain Mutual Water Company, all newly-installed Backflow Prevention Devices shall be tested by a King's Mountain Mutual Water Company-approved Certified Tester at the expense of King's Mountain Mutual Water Company prior to final acceptance of the device and provision of water service by the King's Mountain Mutual Water Company. The certified test results shall be provided to the Customer or Applicant upon request to the King's Mountain Mutual Water Company.

#### I. Right to Enter Customer Property

As a condition of water service for new Customers, the King's Mountain Mutual Water Company reserves the right of ingress and egress to determine compliance with Cross-Connection Control Program requirements. As a condition of continued water service for existing Customers, the right of ingress and egress is reserved by the King's Mountain Mutual Water Company for the purpose of inspection to determine compliance with the King's Mountain Mutual Water Company's Cross-Connection Control Program regulations.

#### J. Penalties

In addition to the other remedies granted to the King's Mountain Mutual Water Company by law, the also King's Mountain Mutual Water Company may terminate water service to any Premises if a required Backflow Prevention Device is removed by a Customer or if the King's Mountain Mutual Water Company finds evidence that an installed Backflow Prevention Device has been bypassed, altered, or allowed to remain ineffective.

Any Customer who willfully fails to install a Backflow Prevention Device as required, or who willfully bypasses or alters such a device may be subject to

prosecution and, upon conviction thereof, shall be punishable by a fine not exceeding \$500.00 or by imprisonment in the County jail for a period not exceeding six months or by both fine and imprisonment. (California Health & Safety Code, § 116820)