

NORTH MARIN WATER DISTRICT
REGULATION 6
CROSS-CONNECTION AND BACKFLOW PROTECTION
FOR POTABLE WATER SERVICE

a. General

North Marin Water District furnishes potable water service under permits issued by the State of California Department of Public Health. In order to comply with the terms of these permits and all State regulations intended to protect the potable public water supply from contamination, an appropriate backflow preventer shall be installed at every service connection where one is required by regulations of the Department of Public Health. Some examples of State mandated sites needing devices are: locations with an auxiliary water supply (such as a private well), locations handling pressurized fluids, locations served by recycled, and locations with plumbing connections to non-potable piping. Need shall be determined by referring to the California State "Manual of Cross connection Control Procedures & Practices."

This regulation supplements and does not supersede local plumbing regulations, codes or ordinances, or State regulations related to water supply.

b. Type of Backflow Preventer Required

The District shall determine the general type of preventer to be installed, giving consideration to the likelihood of backflow occurring, the type of contamination that may occur and applicable State regulations. The general type of backflow preventers the District may require in decreasing order of protection are: Air Gap (AG), Reduced Pressure Principle device (RPP) and double check valve (DCV). The District shall approve of the specific model of device prior to installation.

c. Installation

The manner and location of installation is subject to District approval. Backflow prevention devices may be installed by the District or others at the discretion of the consumer. The District shall inspect all installations. Installation and inspection of all backflow devices shall be at the consumer's expense.

d. Inspection and Testing of Backflow Preventers

A certified inspection and test of all backflow preventers shall be performed annually or more often in those instances where successive inspection indicate repeated failure or on such other schedule approved by the Department of Public Health. Installed devices may be tested by the District or others at the sole discretion of the District. Inspection and testing will be at the consumer's expense. Inspections will be conducted only by individuals certified by AWWA (American Water Works Association), USC (University Southern California) or NMWD (North Marin Water District) as backflow prevention testers.

A report of a certified inspection will be submitted to the District within 30 days of notice that an inspection is due.

e. Repairs or Replacement of Backflow Prevention Devices

Backflow devices that fail a performance test will be repaired or replaced by the consumer except in the case of 3/4", 1" and 1½" double check valve assemblies installed by the District. These assemblies (3/4", 1" and 1½") installed by the District will be repaired or replaced by the District. Repairs shall be made within 45 days of notice of device failure.

f. Charges for Installation Performed by District

The consumer shall pay a charge for installation of backflow prevention devices in accordance with the following table:

If installed at time of initial meter set:

<u>Size</u>	<u>Device</u>	<u>Charge</u>
3/4"	DCV	\$234.00
1"	DCV	\$258.00
1½"	DCV	\$293.75
3/4"	RPP	\$330.00
1"	RPP	\$402.00
1½"	RPP	\$487.50

If installed on existing meter, additional installation costs will be added.

Charges for larger assemblies shall be based on the actual cost of each installation.

Each consumer having a backflow prevention device serviced by the District shall pay a bi-monthly fee for servicing the device as shown in Regulation 54.

g. Noncompliance

If a consumer fails to comply with this regulation by failure to install, test or correct deficiencies or by removal, tampering with or modifying a preventer, the District shall have the right to refuse or discontinue water service and, if it deems necessary, physically disconnect the consumer's piping from the District's distribution system.

h. Access for Inspection

North Marin Water District personnel and representatives of any governmental health agency shall have the right of ingress to and egress from the consumer's premises at all reasonable hours without prior notification for the purpose of investigating compliance with this regulation and State Department of Public Health requirements.

i. Liability

The District shall not be liable for any injury to persons or damage to property which may result directly or indirectly from the installation, malfunction, testing or repair of any backflow preventer.