

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT
300 North "D" Street
San Bernardino, CA 92418

RULE AND REGULATIONS NO. 22
PROHIBITION OF CROSS-CONNECTIONS AND OTHER CROSS-CONNECTION CONTROL
CONDITIONS CAUSING OR LIKELY TO CAUSE, AND PROTECTION OF THE PUBLIC
WATER SUPPLY AGAINST CONTAMINATION AND POLLUTION

1.0 GENERAL CONDITIONS FOR BACKFLOW PREVENTION

No physical connection shall hereafter exist or be installed, located, maintained or operated, between the water supply of the Department (including its appurtenant mains, pipes, fixtures, equipment or appliances) and any other water supply system or any sewer or drainage system, or any steam, gas or chemical line, pipe or conduit, or any device, boiler, tank or container whereby any contamination or pollution or any dangerous, impure, unsanitary or unpotable substance (solid, liquid or gaseous or any combination thereof), may now or hereafter be introduced into any portion of said water supply system of the Department by backflow, back siphonage, or any other method, manner, means or cause whatsoever.

Except that wherever a mechanical or other method or device, as approved by the Department, may be used for protecting the water supply system of the Department from any such source of contamination or pollution, any consumer may, upon obtaining the written consent for the method or device from the Department, and subject to final inspection and approval from the Department, install, maintain, operate and use the same.

Pursuant to Chapter 13.12 of the San Bernardino Municipal Code, upon notification by the Water Department or health officer that a finding has been made that a cross-connection does or may contaminate water for drinking or domestic purposes on any existing or proposed facility, the Department may refuse to supply water or discontinue supplying water to that facility upon reasonable notice under the circumstances involved.

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All costs relating to the installation, annual inspections conducted by a tester certified by the San Bernardino County Department of Health Services and approved by the City of San Bernardino Water Department, maintenance, and repair costs of preventative devices necessary to assure compliance with Chapter 13.12 of the San Bernardino Municipal Code, the Uniform Plumbing Code, California Administrative Code (Sections 7583 to 7605, inclusive), and other applicable laws shall be at the expense of the customer/owner.

An annual backflow prevention administrative fee of \$24.00 per year per device shall be billed annually to each account requiring a backflow preventer. The City of San Bernardino shall be exempt from the fee for municipal service accounts.

2.0 BACKFLOW PREVENTION RULES

All meters for developer-installed services shall be purchased from the Water Department. Nonresidential or 3" and larger fire services shall require Water Department approved double check detector checks which shall be tested annually by a certified backflow prevention tester as established in Water Department Rule and Regulation No. 22.

Double check detector check devices will be installed on private property by a licensed contractor acceptable to the Water Department.

All fire service tattletale or use detection meters for fire service installed on private property shall be dedicated to the Water Department prior to or at the time of service activation, and remain accessible to the Water Department for monthly meter reading, repair, testing, and/or meter replacement, and shall conform to Water Department's standards.

The Water Department may require access to properties of Applicants currently receiving water service to conduct a cross-connection control survey. The purpose of this

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survey is to establish the extent of protection required for the Water Department's water system based on an evaluation of how an Applicant uses water on a site. Examples of on-site uses requiring protection include, but are not limited to, laundries, businesses that mix and process chemicals and water, potable and/or nonpotable landscape systems, and fire services. Water from an Applicant's service may, under certain conditions, be drawn into the public water supply through the meter (through a backflow condition such as backsiphonage or backpressure). If there are existing or potential cross-connections with non-potable fluids on an Applicant's property, the water drawn into the public water supply may be contaminated and therefore compromise the Water Department's supply. The installation of a Water Department approved backflow prevention assembly adjacent to the meter may be required based on the results of the survey and the identification of existing or potential cross-connections within the property.

The Water Department may determine that there is the potential for contamination of the Water Department's distribution system from an existing service(s) due to processes on an Applicant's property. This requirement may be made in the absence of a cross-connection control survey. At that time, the Water Department will require the owner to install a backflow prevention assembly at the owner's expense. If an Applicant requests a larger assembly, the cost of that equipment and installation will be borne by the Applicant. The Applicant must provide an easement to the Water Department for this work unless one of approved dimensions already exists.

If the Applicant objects to the requirement for backflow prevention assembly installation, Applicant shall, at Applicant's own expense, obtain a cross-connection control survey from a Certified Cross-Connection Control Specialist. If the survey finds no need for backflow prevention, the requirement by the Water Department shall be deferred at that time. The Water Department may require the Applicant to obtain, at Applicant's own expense, a similar Water Department approved cross-connection control survey not more frequently than annually to validate that the deferral is still appropriate. An approved copy of the results of the survey shall be provided to the Water

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Department, which will determine the need for an assembly. Failure to provide such a survey shall be cause for the Water Department to require the immediate installation of a backflow prevention assembly. The Applicant shall pay all expenses required for this installation.

Approved by BOWC:	June 3, 2008
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