

HIDDEN VALLEY LAKE
COMMUNITY SERVICES DISTRICT

AN ORDINANCE INSTITUTING A CROSS-CONNECTION CONTROL PROGRAM TO
PROTECT THE PUBLIC WATER SYSTEM

SECTION 1 - Purpose:

The purpose of these regulations is (1) to protect the public water supply against actual or potential cross-connections by isolating with the premise contamination or pollution that may occur because of some undiscovered or unauthorized cross-connection on the premises; (2) to eliminate existing connections between drinking water systems and other sources of water that are not approved as safe and potable for human consumption; (3) to eliminate cross-connections between drinking water systems and other sources of water or process water used for any purpose whatsoever which jeopardize the safety of the drinking water supply; (4) to prevent the making of cross-connections in the future.

These regulations are in accordance with the State of California Administrative Code, Title 17 - Public Health entitled "Regulations Relating to Cross-Connections."

SECTION 2 - Definitions:

A. Cross Connection

The term "Cross-Connection" as used in this Ordinance means any unprotected connection between any part of a water system used or intended to supply water for drinking purposes and any source or system containing water or substance that is not or cannot be approved as safe, wholesome, and potable for human consumption.

B. Approved Water Supply

The term "Approved Water Supply" means any water supply approved by or under the public health supervision of a public health agency of the State of California, or its political subdivisions. In determining what constitutes an approved water supply, the State Department of Public Health reserves final judgement as to its safety and potability.

C. Auxiliary Supply

The term "Auxiliary Supply" means any water supply on or available to the premises other than the public water supply.

D. Approved Check Valve

The term "Approved Check Valve" means a check valve that seats readily and completely and has been approved for use in this service by the Hidden Valley Lake Community Services District.

E. Approved Double Check Valve Assembly

The term "Approved Double Check Valve Assembly" means an assembly of at least two independently acting approved check valves including tightly closing shut-off valves on each side of the check valve assembly and suitable leak-detector drains plus connections available for testing the water tightness of each check valve.

F. Air-Gap Separation

The term "Air-Gap Separation" means a physical break between a supply pipe and a receiving vessel. The air-gap shall be at least double the diameter of a supply pipe measured vertically above the top rim of the vessel, in no case less than one inch.

G. Approved Reduced Pressure Principle Backflow Prevention Device

The term "Approved Reduced Pressure Principle Backflow Prevention Device" means a device incorporating two or more check valves and an automatically operating differential relief valve located between the two checks, two shut-off valves, and equipped with necessary appurtenances for testing. The device shall operate to maintain the pressure in the zone between the two check valves less than the pressure on the public water supply side of the device.

H. Approved Backflow Prevention Devices

The term "Approved Backflow Prevention Devices" means an approved double check valve assembly, an approved air-gap separation or an approved reduced pressure principle backflow prevention device.

SECTION 3 - Cross-Connection and Protection Requirements:

A. No Cross Connection Allowed Between Plumbing and Water Pipes

It is unlawful for any person, firm or corporation at any time to make or maintain or cause to be made or maintained, temporarily or permanently, for any period of time whatever, any cross-connection between plumbing pipes or water fixtures being served with water by the Hidden Valley Lake Community Services District and any other source of water supply or

A. No Cross Connection Allowed Between Plumbing and Water Pipes
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fixtures which by reason of their construction may cause or allow backflow of water or other substance into the water supply system of the Hidden Valley Lake Community Services District and/or the service of water or to maintain any sanitary fixture or other appurtenances or fixtures which by reason of their construction may cause or allow backflow of water or other substances into the water supply system of the Hidden Valley Lake Community Services District and/or the service of water pipes or fixtures of any consumer of the Hidden Valley Lake Community Services District.

B. Permit Required for Water Cross-Connections

1. The regulations of the California State Department of Health and the Drinking Water Standards of the United States Public Health Service prohibit unprotected cross-connections between the public water supply and any unapproved source of water. All water cross-connections must be approved by the Hidden Valley Lake Community Services District and a permit issued by the Hidden Valley Lake Community Services District prior to installation.

2. To comply with the regulations of health agencies, the Hidden Valley Lake Community Services District will require the installation of approved backflow prevention devices by and at the expense of the customer for continued services or before a new service will be granted.

3. Where Protection is Required

a. Each service connection from the Hidden Valley Lake Community Services District's water system for supplying water to premises having an auxiliary water supply shall be protected against backflow of water from the premises into the public water system unless the auxiliary water supply is accepted as an additional source by Hidden Valley Lake Community Services District, and is approved by the public health agency having jurisdiction;

b. Each service connection from the Hidden Valley Lake Community Services District's water system for supplying water to any premises on which any substance is handled under pressure in such fashion as to permit entry into the water system shall be protected against backflow of the water from the premises into the public system. This shall include the handling of process waters and waters originating from the Hidden Valley Lake Community

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Services District's water system which have been subjected to deterioration in sanitary quality;

c. Backflow prevention devices shall be installed on the service connection to any premises that have internal cross-connections, unless such cross-connections are abated to Hidden Valley Lake Community Services District's satisfaction and approved by the state or local health department.

C. Backflow Prevention Devices - Installation and Maintenance

Wherever backflow protection has been found necessary on a water supply line entering a customer's premises, then any and all water supply lines from the Hidden Valley Lake Community Services District's mains entering such premises, building, or structures shall be protected by an approved backflow prevention device. Installation and maintenance of the approved backflow with the following:

1. A permit shall be obtained from the Hidden Valley Lake Community Services District prior to installing any devices.
2. Only backflow prevention devices approved by the Foundation for Cross-Connection Control & Hydraulic Research of the University of Southern California shall be approved for installation.
3. Backflow prevention devices shall be selected and installed in a manner prescribed in the State Department of Health Services Sanitary Engineering Section, "Manual of Cross-Connection Control Procedures and Practices", or as prescribed by another acceptable authority and plans for which have been approved by the Hidden Valley Lake Community Services District.
4. The State Department of Public Health requires that the owners of any premises which, or an account of which, check valves or other protective devices are installed, shall have the devices inspected by a certified tester for water tightness annually. A report of inspection shall be filed annually with the Hidden Valley Lake Community Services District. These devices shall be serviced, overhauled or replaced whenever they are found to be defective, and all costs of testing, repair and maintenance shall be borne by the customer.
5. Approved backflow protection devices may be inspected and tested periodically for water tightness by the Hidden Valley Lake Community Services District.

D. Timing of Installation of Backflow Prevention Devices for Services with Existing Cross-Connections

The Hidden Valley Lake Community Services District will conduct a survey to determine the current number of existing premises receiving water from the Hidden Valley Lake Community Services District's water supply system that have an actual or potential cross-connection. A list of these services will be prepared. The property owner for each of these services will be notified that an approved backflow prevention device is required and must be installed with a three (3) year time period from the effective date of this Ordinance.

During said three (3) year period the Hidden Valley Lake Community Services District will, at the option of the property owner, install prevention devices on existing services with an actual or potential cross-connection between the public water supply and any source of water. The property owner will pay only the cost of materials, for installing the backflow prevention device. The Hidden Valley Lake Community Services District will provide the manpower and equipment for installation of the device at no cost to the property owner.

Once the backflow prevention device is installed, it shall be the property owner's responsibility to provide annual testing, servicing, overhauling or replacing when found defective.

E. Protection Against Interstreet Main Flow

Two or more services supplying water from different street mains to the same building structure or premises through which an interstreet main flow may occur, shall have a standard check valve on each water service to be located adjacent to and on the property side of the respective meters. Such check valve shall not be considered adequate if backflow protection is deemed necessary to protect the Hidden Valley Lake Community Services District's mains from pollution or contamination; in such cases the installation of approved backflow devices at such meters shall be required to satisfy the requirements for standard check valves.

SECTION 4 - Discontinuance of Service

Service of water to any premises may be discontinued by the Hidden Valley Lake Community Services District after reasonable notification if unprotected cross-connections exist on the premises, or if a backflow preventive device has been removed or bypassed, and service will not be restored until such conditions or defects are corrected.

SECTION 5 - Right of Entry

The Hidden Valley Lake Community Services District representative assigned to inspect premises relative to possible hazards shall carry proper credentials of his office, upon exhibition of which he shall have the right of entry, during usual business hours, to inspect any and all buildings and premises in the performance of his duty. This right of entry shall be a condition of water service in order to provide assurance that the continuation of service to the premises will not constitute a menace to the health, safety and welfare of the people through the public water system.

SECTION 6 - Requirements for Certification as a Backflow Prevention Device Tester

Each applicant for certification as a tester of backflow prevention devices shall file an approved application with the Hidden Valley Lake Community Services District, together with a fee as may be established by the Hidden Valley Lake Community Services District. Competency in all phases of backflow prevention device testing and repair must be demonstrated by means of education and/or experience in order to obtain certification.

The following are minimum requirements:

- A. Applicant shall have at least two (2) years experience in plumbing or pipefitting or equivalent qualifications.
- B. Applicant to hold a valid certification from the American Water Works Association (A.W.W.A.) California-Nevada Section, or satisfactory completion of the Course for the Training and Certification of Testers for Backflow Prevention Devices offered by the Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California.
- C. For certification as a tester of backflow prevention devices, applicant shall furnish evidence to show he has available the necessary tools and equipment to properly test such devices. He shall be responsible for the competency and accuracy of all tests and reports prepared by him.

The certificate issued to any tester is valid for a period of one year and may be revoked, suspended or not renewed by the Hidden Valley Lake Community Services District for improper testing, improper repairs and/or improper reporting.

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SECTION 7 - Effective Date

This Ordinance shall take effect the date of it's passage by the Board of Directors of the Hidden Valley Lake Community Services District.

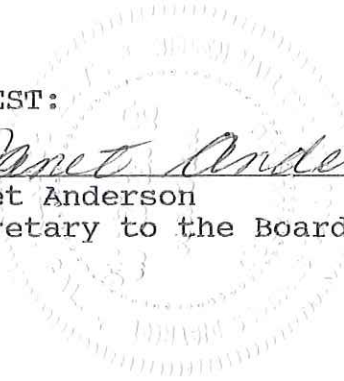
PASSED AND ADOPTED ON JULY 19th, 1994, by the following vote:


AYES:	DIRECTORS:	ALVERSON, SAUNDERS, KNIGHT, SHARPEN, PETKOVICH
NOES:	DIRECTORS:	NONE
ABSENT:	DIRECTORS:	NONE
ABSTAIN:	DIRECTORS:	NONE



President, Board of Directors
Hidden Valley Lake
Community Services District

ATTEST:





Janet Anderson
Secretary to the Board of Directors