

RESOLUTION NO. 88-100

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
CORONA, CALIFORNIA, AMENDING SECTION 8 OF
RESOLUTION NO. 79-75 RELATING TO CONDITIONS OF
SERVICES FOR THE OPERATION OF THE CITY'S WATER
UTILITY

WHEREAS, the State Department of Health Services has implemented new Cross Connection Regulations, Title 17, which became effective June 15, 1987, and will begin enforcement on July 1, 1988; and

WHEREAS, it is necessary to amend the City's regulations to provide for the new Cross Connection Regulations.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Corona as follows:

SECTION 1: Subsection (j) of Section 8 of Resolution No. 79-75 is hereby amended to read as follows:

"SECTION 8: CONDITIONS OF SERVICE.

- (a) ...
- (b) ...
- (c) ...
- (d) ...
- (e) ...
- (f) ...
- (g) ...
- (h) ...
- (i) ...

(j) The Water Utility reserves the right to refuse service to or to discontinue service to any customer when such service, in the opinion of the Manager, will be detrimental to the City water system. The Water Utility may require special devices and fittings for backflow prevention and cross connection control to be installed on the consumer's side of the meter at the consumer's expense when required by law or when, in the opinion of the Manager, such fittings or devices are necessary to prevent contamination of the City water supply, or when the absence of such devices or fittings may degrade the City water system in any way. Failure of the consumer to pay for such special devices and fittings when required for existing services shall result in discontinuance of service to the property.

The type of protection that shall be provided to prevent backflow into the approved water supply shall be commensurate with the degree of hazard that exists on the consumer's premises. The type of protective device that may be required (listing in an increasing level of protection) includes: Double Check Valve Assembly (DC), Reduced Pressure Principle Backflow Prevention Device (RP), and an Air-gap separation (AG). The consumer may choose a higher level of protection than required by the Water Utility. The minimum types of backflow protection required to protect the approved water supply, at the consumer's water connection to premises with varying degrees of hazard are given in Table 1. Situations which are not covered in Table 1 shall be evaluated on a case-by-case basis and the appropriate backflow protection shall be determined by the Water Utility.

Table 1

TYPE OF BACKFLOW PROTECTION REQUIRED

Degree of Hazard	Minimum Type of Backflow Prevention
(A) Sewage and Hazardous Substances	
(1) Premises where the public water system is used to supplement the reclaimed water supply.	AG
(2) Premises where there are wastewater pumping and/or treatment plants and there is no interconnection with the potable water system. This does not include a single family residence that has a sewage lift pump. A RP may be provided in lieu of an AG if approved by the health agency and the Water Utility.	AG
(3) Premises where reclaimed water is used and there is no interconnection with the potable water system. A RP may be provided in lieu of an AG if approved by the health agency and the Water Utility.	AG
(4) Premises where hazardous substances are handled in any manner in which the substances may enter a potable water system. This does not include a single family residence that has a sewage lift pump. A RP may be provided in lieu of an AG if approved by the health agency and the Water Utility.	AG

- (5) Premises where there are irrigation systems into which fertilizers, herbicides, or pesticides are, or can be, injected. RP
- (B) Auxiliary Water Supplies
- (1) Premises where there is an unapproved auxiliary water supply which is interconnected with the public water system. A RP or DC may be provided in lieu of an AG if approved by the health agency and the Water Utility. AG
- (2) Premises where there is an unapproved auxiliary water supply and there are no interconnections with the public water system. A DC may be provided in lieu of a RP if approved by the health agency and the Water Utility. RP
- (C) Fire Protection Systems
- (1) Premises where the fire system is directly supplied from the public water system and there is an unapproved auxiliary water supply on or to the premises (not interconnected). DC
- (2) Premises where the fire system is supplied from the public water system and interconnected with an unapproved auxiliary water supply. A RP may be provided in lieu of an AG if approved by the health agency and the Water Utility. AG
- (3) Premises where the fire system is supplied from the public water system and where either elevated storage tanks or fire pumps which take suction from the private reservoirs or tanks are used. DC
- (D) Dockside Watering Points and Marine Facilities DC
- (1) Pier hydrants for supplying water to vessels for any purpose. RP
- (2) Premises where there are marine facilities. RP
- (E) Premises where entry is restricted so that inspections for cross connections cannot be made with sufficient frequency or at sufficiently short notice to assure that cross connections do not exist. RP

(F) Premises where there is a repeated history of cross connections be established or re-established.

RP

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 at least 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 Water Utility's mains from pollution or contamination; in such cases the installation of approved backflow devices at such service connections shall be required.

Only backflow prevention devices which have been approved by the Water Utility shall be acceptable for installation by a consumer connected to the Water Utility's potable water system.

The Water Utility will provide, upon request, to any affected customer a list of approved backflow prevention devices.

Backflow prevention devices shall be installed in a manner prescribed in Section 7603, Title 22, of the California Administrative Code. Location of the devices should be as close as practical to the user's connection. The Water Utility shall have the final authority in determining the required location of a backflow prevention device.

The owners of any premises on which, or on account of which, backflow prevention devices are installed, shall have the devices tested by a person who has demonstrated their competency in testing of these devices to the Water Utility. Backflow prevention devices must be tested at least annually and immediately after installation, relocation or repair. The Water Utility may require a more frequent testing schedule if it is determined to be necessary. No device shall be placed back in service unless it is functioning as required. A report in a form acceptable to the Water Utility shall be filed with the Water Utility each time a device is tested, relocated or repaired. 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 consumer.

The Water Utility will supply affected consumers with a list of persons acceptable to the Water Utility to test backflow prevention devices. The Water Utility will notify affected customers by mail when annual testing of a device is needed and also supply users with the necessary forms which must be filled out each time a device is tested or repaired.

Approval must be obtained from the Water Utility before a backflow prevention device is removed, relocated, or replaced.

1. **Removal:** The use of a device may be discontinued and the device removed from service upon presentation of sufficient evidence to the Water Utility to verify that a hazard no longer exists or is not likely to be created in the future;
2. **Relocation:** A device may be relocated following confirmation by the Water Utility that the relocation will continue to provide the required protection and satisfy installation requirements. A retest will be required following the relocation of the device;
3. **Repair:** A device may be removed for repair, provided the water use is either discontinued until repair is completed and the device is returned to service, or the service connection is equipped with other backflow protection approved by the Water Utility. A retest will be required following the repair of the device; and
4. **Replacement:** A device may be removed and replaced provided the water use is discontinued until the replacement device is installed. All replacement devices must be approved by the Water Utility and must be commensurate with the degree of hazard involved.

At each premises where it is necessary, in the opinion of the Water Utility, a user supervisor shall be designated by and at the expense of the consumer. This user supervisor shall be responsible for the monitoring of the backflow prevention devices and for avoidance of cross connections. In the event of contamination or pollution of the drinking water system due to a cross connection on the premises, the Water Utility shall be promptly notified by the user supervisor so that appropriate measures may be taken to overcome the contamination. The consumer shall inform the Water Utility of the user supervisor's identity on, as a minimum, an annual basis and whenever a change occurs.

The Water Utility shall review all requests for new services to determine if backflow protection is needed. Plans and specifications must be submitted to the Water Utility upon request for review of possible cross connection hazards as a condition of a service for new service connections. If it is determined that a backflow prevention device is necessary to protect the public water system, the required device must be installed before service will be granted.

The Water Utility may require an on-premise inspection to evaluate cross connection hazards. The Water Utility will transmit a written notice requesting an inspection appointment to each affected consumer. Any consumer who can not or will not allow an on-premise inspection of his piping system shall be required to install the backflow prevention device the Water Utility considers necessary.

The Water Utility may, at its discretion, require a reinspection for cross connection hazards of any premise to which it serves water. The Water Utility will transmit a written notice requesting an inspection appointment to each affected consumer. Any consumer who can not or will not allow an on-premise inspection of his piping system shall be required to install the backflow prevention device the Water Utility considers necessary.

The Water Utility will notify the consumer of the survey findings, listing the corrective actions to be taken if any are required. A period of sixty days will be given to complete all corrective actions required, including installation of backflow prevention devices.

1st notice = 60 days for corrective action

A second notice will be sent to each consumer who does not take the required corrective actions prescribed in the first notice within the sixty days period allowed. The second notice will give the consumer a two week period to take the required corrective action. If no action is taken within the two week period, the Water Utility may terminate water service to the affected consumer until the required corrective actions are taken.

2nd = 2 weeks, then termination

The Water Utility will notify each affected consumer when it is time for the backflow prevention device installed on their service connection to be tested. This written notice shall give the consumer thirty days to have the device tested and supply the consumer with the necessary form to be completed and resubmitted to the Water Utility.

Testing 1st notice 30 days

A second notice shall be sent to each consumer which does not have his/her backflow prevention device tested as prescribed in the first notice within the thirty day period allowed. The second notice will give the consumer a two week period to have his/her backflow prevention device tested. If no action is taken within the two week period, the Water Utility may terminate water service to the affected consumer until the subject device is tested.

Testing 2nd notice = 2 weeks, then termination

Conditions or consumers that create a basis for water service termination shall include, but are not limited to, the following items:

1. Refusal to install a required backflow prevention device;
2. Refusal to test a backflow prevention device;
3. Refusal to repair a faulty backflow prevention device;
4. Refusal to replace a faulty backflow prevention device;
5. Direct or indirect connection between the public water system and a sewer line;
6. Unprotected direct or indirect connection between the public water system and a system or equipment containing contaminants;
7. Unprotected direct or indirect connection between the public water system and an auxiliary water system;

8. A situation which presents an immediate health hazard to the public water system.

Water Service Termination Procedures.

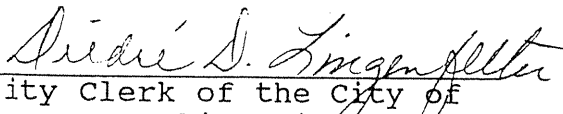
1. For conditions 1, 2, 3, or 4, the Water Utility will terminate service to a customer's premise after two written notices have been sent specifying the corrective action needed and the time period in which it must be done. If no action is taken within the allowed time period, water service may be terminated.
2. For conditions 5, 6, 7, or 8, the Water Utility will take the following steps:
 - a. Make reasonable effort to advise consumer of intent to terminate water service;
 - b. Terminate water supply and lock service valve. The water service will remain inactive until correction of violations has been approved by the Water Utility."

ADOPTED this 6th day of July, 1988.



Mayor Pro Tem of the City of Corona, California

ATTEST:


City Clerk of the City of
Corona, California

CERTIFICATION

I, DIEDRE' D. LINGENFELTER, City Clerk of the City of Corona, California, do hereby certify that the foregoing Resolution No. 88-100 was regularly introduced and unanimously adopted by the City Council of the City of Corona, California, at a regular meeting thereof held on the 6th day of July, 1988, by the following vote of the Council:

AYES: DEININGER, FRANKLIN, LOPEZ, W. MILLER

NOES: NONE

ABSENT: G. MILLER

ABSTAINED: NONE

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the City of Corona, California, this 11th day of July, 1988.



City Clerk of the City of Corona, California