

## CHAPTER 2

### CROSS CONNECTION CONTROL

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6-2-1:       **PURPOSE; SCOPE:** The purpose of this chapter is to protect the health of public water consumers by the control of actual and/or potential cross connections. This chapter shall apply throughout the city and in all other areas served by or connected to the Victor city water system. (Ord. 1-80, 7-2-1980)

6-2-2:       **DEFINITIONS:** As used in this chapter, the following terms shall have the meanings hereinafter ascribed to them as follows:

**BACKFLOW:**                               The flow, other than the intended direction of flow, of any foreign liquids, gases or substances into the distribution system of a public water supply.

**BACKFLOW PREVENTION DEVICE:**       A device to counteract back pressure or prevent back siphonage.

**CONTAMINATION:**                       The entry or presence in a public water supply of any substance which may be deleterious to public health and/or to the quality of water.

**CROSS CONNECTION:**               Any physical arrangement whereby a public water supply is connected, directly or indirectly, with any other water supply system, sewer, drain, conduit, pool, storage, reservoir, plumbing fixture, or other device which contains

or may contain contaminated water, sewage or other waste or liquids of unknown or unsafe quality which may be capable of impairing contamination to the public water supply as a result of backflow.

**PUBLIC WATER  
SUPPLY:**

The Victor city water system or any other system connected to it which is intended to supply water for human consumption or other domestic uses, including source, treatment, storage, transmission and distribution facilities. (Ord. 1-80, 7-2-1980)

**6-2-3: CROSS CONNECTIONS:**

- A. Prohibited: No water service connection from the public water supply to any premises shall be installed or continued in use unless the water supply is protected against cross connection as required by this chapter. The installation or maintenance of any cross connection which may endanger the quality of the public water supply shall be unlawful and is prohibited. Any such cross connection now existing or hereafter installed is hereby declared to be a public nuisance.
- B. Elimination: The control or elimination of cross connections shall be in accordance with section 1-8306 of the Idaho regulations for public drinking water systems together with the latest editions or revisions of appropriate manuals of standard practice pertaining to cross connection controls approved by the Victor city council. (Ord. 1-80, 7-2-1980)

**6-2-4: CROSS CONNECTION INSPECTION:**

- A. Inspection Prior to Delivery: No water shall be delivered by the city to any structure or to any public water supply system serving the structure until that structure has been inspected by the city water superintendent or a designee and has been found free of cross connections.
- B. Access to Premises: Inspections by the city or a designee shall be made periodically at intervals of not more than one year of all buildings, structures or improvements of any nature receiving water from the public water supply for the purpose of ascertaining whether cross connections exist. It shall be unlawful for any person

to deny reasonable access to premises for such inspection. (Ord. 1-80, 7-2-1980)

6-2-5:       **INSTALLATION PERMITS:** If cross connection control device(s) are found to be necessary, the owner of the property served must apply in writing to the city for an installation permit, specifying the type and location of such device(s). It shall be unlawful to install such a device without a permit. (Ord. 1-80, 7-2-1980)

6-2-6:       **USE OF BACKFLOW PREVENTION DEVICES:**

A.     Owner Expense: Backflow prevention devices shall be installed by the property owner at his expense on premises where, in the judgment of the city water superintendent or his designee, the nature and extent of the activities or the materials used or stored on the premises, could present a hazard to health and/or be deleterious to the quality of the water should a cross connection occur. Even though cross connections may not exist at the time, backflow prevention devices shall be installed under circumstances including, but not limited to, the following:

1. Premises having an auxiliary water supply.
2. Premises having internal cross connections that are not correctable, or intricate plumbing arrangements which make it impractical to ascertain whether or not cross connections exist.
3. 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.
4. Premises having a history of cross connections being established or reestablished.
5. Premises on which any substance is handled under pressure so as to permit entry in the public water supply, or where a cross connection could reasonably be expected to occur. This shall include, with the limitations, the handling of process waters and cooling waters.
6. Premises where materials of a toxic or hazardous nature are handled in such a way that, if back siphonage should occur, a health hazard might result.

B. City Approval Required: The type of protective device required shall be commensurate with the degree of hazard which exists or could exist. The city shall approve the type of device selected and shall supervise its installation.

1. An air gap separation or a reduced pressure principle backflow prevention device shall be installed where the public water supply may be contaminated with sewage, industrial waste of a toxic nature or other contaminant which could cause a health or system hazard.

2. In the case of a substance which may be objectionable but not hazardous to health, a double check valve assembly, air gap separation, or a reduced pressure principle backflow prevention device shall be installed.

C. Location of Installation: Backflow prevention devices required by this chapter shall be installed on the user's property as close as is practicable to the meter or property line, or at a location designated by the city. Each device shall be located so as to be readily accessible for maintenance and testing.

D. Inspection: Backflow prevention devices installed pursuant to this chapter, except atmospheric vacuum breakers, shall be inspected and tested annually, or more often if deemed necessary by the city. Inspections, tests, repairs and records thereof shall be accomplished by certified testers and written test reports forwarded to the city.

E. Sprinkling Devices: No sprinkling device will be installed without adequate backflow prevention devices at the point from which the water is taken from the public water supply.

F. Construction Sites: At any construction site or other location where it is reasonable to anticipate intermittent cross connections, one or more backflow prevention devices shall be installed at the point(s) of service from the public water supply, or at any other location designated by the city (Ord. 1-80, 7-2-1980)

6-2-7: **REMEDIES:** In the event that a cross connection is created or found to exist and is not promptly corrected following notice from the city, or in the event the city is refused access to any property for the purpose of determining whether or not cross connections exist, the city may:

- A. Abate at Owner Expense: Abate any nuisance a the owner's expense;
- B. Terminate Service: Terminate water service until the cross connection is satisfactorily corrected and any water service resumption fee imposed by ordinance has been paid;
- C. Civil Action: Bring a civil action for injunctive or other relief; and/or
- D. Criminal Prosecution: Commence a criminal prosecution. (Ord. 1-80, 7-2-1980)

6-2-8: **PENALTY:** Violations of this chapter by the property owner or any person managing or controlling the premises shall be punishable as a misdemeanor, and each day that violation exists shall constitute a separate offense. In any proceeding to enforce this chapter, the court shall be authorized to award the city its cost, including a reasonable fee. (Ord. 1-80, 7-2-1980)