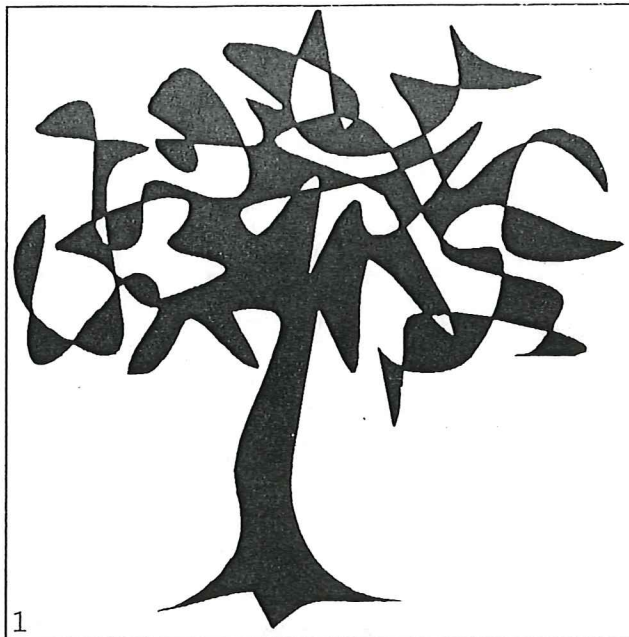


**CITY OF WOODBURN**

**CROSS CONNECTION ORDINANCE #**



Pursuant to Chapter 333, Division 61 of the Oregon Administrative Rules and Chapter 10 of the Uniform Plumbing Code, it is the responsibility of The City of Woodburn to protect its drinking water by systematically identifying and controlling cross connections.

Now therefore, the City of Woodburn ordains as follow:

- (C) **“Health Hazard”** means an actual or potential threat of contamination of a physical or toxic nature to the public potable water system or the consumer’s potable water system that would be a danger to health.
- (D) **“Plumbing Hazard”** means an internal or plumbing-type cross-connection in a consumer’s potable water system than may be either a polluttional or a contamination-type hazard.
- (E) **“Polluttional Hazard”** means an actual or potential threat to the physical properties of the water system or the potential of the public or the consumer’s potable water system but which would not constitute a health or system hazard, as defined. The maximum degree of intensity of polluttion to which the potable water system could be degraded under this definition would cause a nuisance or be aesthetically objectionable or could cause minor damage to the system or its appurtenances.
- (F) **“System Hazard”** means an actual or potential threat of sever danger to the physical properties of the public or consumer’s potable water supply or of a polluttion or contamination that would have a detrimental effect on the quality of the potable water in the system.

(14) **“Detector Check Valve Assembly (DA)”** means a assembly which is a hybrid version of a mainline (Double Check or Reduce Pressure Check) valve assembly with a smaller factory installed (Double Check or Pressure Check) valve assembly and meter in a bypass configuration to detect leakage or usage.

(15) **“Premises”** means any piece of property to which water is provided including all structures, improvements, mobile home(s) and structure located on it.

(16) **“Service Connection”** means the pipe, valves and other equipment by means of which the City conducts water from its mains to and through the meter to the property line, but not including piping from the property line to the premises served.

(17) **“Thermal Expansion”** means heated water that doesn’t have the space to expand.

## **1:02 PURPOSE**

The purpose of these regulations is to protect the water supply of the City of Woodburn from contamination or pollution due to any existing or potential cross connection.

## **1:03 CROSS CONNECTIONS REGULATED**

No cross connection shall be created, installed, used or maintained within the territory served by the City of Woodburn, except in accordance with these regulations.

## 1:04 BACKFLOW PREVENTION ASSEMBLY REQUIREMENT

Approved backflow prevention assembly shall be installed at the expense of the user, either at the service connection or within the premises, as determined by the City of Woodburn in each of the following circumstances:

- (1) If the nature and extent of any activity of the premises, or the materials used in connection with any activity of the premises, or materials stored on the premises, could contaminate or pollute the drinking water supply.
- (2) On premises having any one or more cross connections as that term is defined in section 1:01 Number # 11.
- (3) Internal cross connections that are not correctable, or intricate plumbing arrangements which make it impractical to ascertain whether or not cross connections exist.
- (4) A repeated history of cross connections being established or re-established.
- (5) Unduly restricted entry so that inspections for cross connections cannot be made with sufficient frequency or with sufficient notice to assure that cross connection do not exist.
- (6) Materials of a toxic or hazardous nature being used such that, if back siphonage should occur, a health hazard could result.
- (7) On any premise where installation of an approved backflow prevention assembly is deemed to be necessary to accomplish the purpose of these regulations in the judgment of a certified cross connection specialist employed by the City of Woodburn.
- (8) On any premise where an appropriate cross connection report form has not been filed with the office of the City's Cross Connection Inspectors.
- (9) All new construction if deemed necessary in the customer service inspection. The type of assembly will be commensurate with the degree of hazard as determined by the representative of the water system.
- (10) When a building is constructed on premises, and the end use of such building is not determined or could change, a reduced pressure principle backflow prevention assembly shall be installed at the service connection that supplies water for public domestic use.
- (11) All facilities that require continuous, uninterrupted water service and are required to have a backflow assembly must make provisions for the parallel installation of assemblies of the same type so that testing, repair and maintenance can be performed.

(12) If it is determined that additions or rearrangements have been made to the plumbing system without obtaining proper permits as required by the City Code Enforcement Division, or notifying the City, premises isolation will be required.

(13) Retrofitting will be required on all high hazard connections and wherever else the city deems necessary to retrofit.

## **1:05 INSTALLATION REQUIREMENTS**

To ensure proper operation and accessibility of all backflow prevention assemblies, the following requirements shall apply to the installation of these assemblies.

(1) DCC may be installed below grade in a vault provided water tight plugs are installed in the test cocks, but the assembly shall not be subject to continuous immersion. RPs and other approved backflow assemblies shall always be installed above the flood level unless approved by the local authority.

(2) Assemblies must be installed at the point of delivery of the water supply, before any branch in the line, on private property located just inside of the property line. Alternate locations must be approved in writing by The City prior to installations.

(3) The assembly must be protected from freezing and other severe weather conditions.

(4) All backflow prevention assemblies shall be of a type and model approved by the State of Oregon, Health Division and City's Certified Cross Connection Inspector.

(5) Only assemblies specifically approved by The Oregon Health Division for vertical installation may be installed vertically.

(6) The assembly shall be readily accessible with adequate room for maintenance and testing. For detailed Installation Requirements refer to Installation Standards on the following pages section 1:21.

(7) The property owner assumes all responsibility for all maintenance and annual testing of the assembly.

(8) If written permission is granted to install the backflow assembly inside of the building, the assembly shall be readily accessible during regular working hours of 8:00 a.m. to 5:00 p.m., Monday through Friday.

(9) If a assembly, with written permission, is installed inside of the premises and is 4" or larger and is installed more than 5' above the floor, it must be equipped with a rigidly and permanently installed scaffolding acceptable to the City Engineer. This installation must also meet the requirements set out by the U.S. Occupational Safety and Health Administration and The State of Oregon Occupational Safety and Health Codes. (OSHA)