



## City of Molalla Municipal Codes

41-00534

### 13.04.271 through 13.04.277

#### **13.04.271 Cross Connection Control and Backflow Prevention Policy—Purpose**

As required by the Oregon Health Authority pursuant to Oregon Administrative Rules 333-61-0070, and in order to prevent any possibility of backflow contaminating the water system, it shall be the policy of the City of Molalla to require the instillation of backflow prevention devices, and inspections of those devices, as set forth in this chapter. References herein to “this policy” shall refer to the provisions of Sections 13.04.271 through 13.04.277 of this code. (Ord. 2002-02 §11)

#### **13.04.272 Records and Reports**

The City shall maintain current records of backflow assemblies installed, inspections completed, and backflow assembly test results, and shall report such data as may be required by state law. (Ord. 2002-02 §11)

#### **13.04.273 Discontinuance of Service for Violation of Policy**

A. After proper notice to the customer as required by this chapter, and until the violation has been corrected, the City shall discontinue water services to any premises under any of the following circumstances:

1. For failure to install an approved backflow prevention device;
2. For failure to conduct an annual test of the backflow device;
3. When City staff has reasonable cause to believe that an existing or potential cross connection is located on a user’s premises, until an approved backflow prevention assembly is installed or until the cause of the hazard is eliminated;
4. For any other violation of Sections 13.04.271 through 13.04.277 of this code.

B. This section shall not in any way be construed to impair the City’s ability to immediately discontinue water service in the event of imminent threat to the City’s water system or other emergency situations. (Ord. 2002-02 §11)

#### **13.04.274 Notification to City when Water Treated**

The City Public Works Director shall be notified whenever a water user or the owner of the premises obtaining water from the City treats the water in any way or adds any chemical or substance to the water. (Ord. 2002-02 §11)

**13.04.275 Backflow Prevention—When Required**

A. Backflow prevention assemblies shall be installed at the service connection to premises where an approved air gap does not exist and:

1. There is an auxiliary water supply which is, or can be, connected to the potable water piping; or
2. There is piping for conveying liquids other than potable water, and where that piping is under pressure and is installed in proximity to potable water piping; or
3. There is intricate plumbing which makes it impractical to ascertain whether or not cross connections exist; or
4. There is back siphonage potential; or
5. Cross connection or potential cross connections exist. (Ord. 2002-02 §11)

**13.04.276 Approved Devices and Instillation thereof—Methods of Backflow Prevention Required**

A. New Assemblies. All backflow prevention assemblies required under this policy shall be of a type and model approved by the Oregon Health Authority, and shall be installed in accordance with Oregon Administrative Rules 333-61-0071 Sections (1) through (4), as now existing or later amended. Suitable pressure-relieve devices to prevent damage from thermal expansion shall be required in conjunction with the installation of all new backflow prevention assemblies.

B. Existing Assemblies. Backflow prevention assemblies installed before the adoption of the policy and which were approved by the Oregon Health Authority at the time they were installed, but are not on the current list of approved assemblies, shall be permitted to remain in service provided they are properly maintained, are commensurate with the degree of hazard, are tested at least annually, and perform satisfactorily. When assemblies of this type are moved, or require more than minimum maintenance or are on services that are modified, changed size or remodeled, they shall be replaced by assemblies, which are on the Oregon Health Authority list of approved assemblies.

C. Methods Required. The method of backflow prevention required under this policy shall at a minimum be commensurate with the degree of hazard which exists, and not less than the following:

1. When the substance, which could backflow, could be hazardous to health, an approved air gap of at least twice the inside diameter, but not less than one inch, of the incoming supply line measured vertically above the top rim of the vessel shall be installed, or an approved reduced pressure backflow assembly (RPBA) shall be installed.
2. When the substance, which could backflow, is objectionable but does not pose an unreasonable health risk, an approved double check valve assembly (DCVA) shall be installed. An approved double check valve assembly shall be the minimum protection for fire sprinkler systems using piping material that is not approved for potable water use and/or which does not provide for periodic flow through during each 24-hour period.
3. An approved pressure vacuum breaker assembly (PVBA) or an atmospheric vacuum breaker (AVB) shall be installed where the substance which could backflow is objectionable but does not pose an unreasonable risk to health and where there is no

possibility of backpressure in the downstream piping. A shutoff valve may be installed on the line downstream of a pressure vacuum breaker but shall not be installed downstream of an atmospheric vacuum breaker. (Ord. 2002-02 §11)

**13.04.277 Testing Required**

A. When Required. The water user or the owner of the premises where one or more reduced pressure assembly (RPBA), double check assembly (DCVA), or pressure vacuum breaker (PVBA) have been installed shall have the assemblies tested by a certified tester at least once per year. Assemblies installed at facilities, which pose an extreme health risk and assemblies, which repeatedly fail, shall be tested on a more frequent basis as determined by the City. Backflow assemblies which have been moved or which have been installed shall be tested before use.

B. Malfunctioning Assemblies. Backflow prevention assemblies found no to be functioning properly shall be promptly repaired by the owner or water user, and failure to do so may result in the denial or discontinuance of service as provided in this policy.

C. Test Procedures and Reports. Tests performed by certified testers shall be in conformance with procedures adopted under OAR 333-061-0070(10), as now existing or later amended. Reports on the tests shall be prepared by the certified tester and copies shall be provided to the City and to the water user or owner of the premises. (Ord. 2002-02 §11)