

41-00399

BEFORE THE CITY COUNCIL OF THE CITY OF INDEPENDENCE

STATE OF OREGON, COUNTY OF POLK

An Ordinance Relating to Public)
Sewers, Cross Connection Requirements,)
Repealing Provisions of the Independence)
Zoning Ordinance.)

ORDINANCE NO. 98-1359

THE CITY OF INDEPENDENCE ORDAINS AS FOLLOWS:

Section 1. The attached Exhibit "A" is hereby adopted as an amendment to the Independence Municipal Code.

Section 2. Subchapter Section 56 of the Independence Zoning Ordinance is hereby repealed.

READ for the first time: 04-14-98
READ for the second time: 04-14-98
PASSED by the City Council: 04-14-98
SIGNED by the Mayor: 04-14-98


Mayor

ATTEST:



City Recorder

EXHIBIT "A"

The following matters are added to the Independence Municipal Code:

CHAPTER 13.13 CROSS CONNECTION REQUIREMENTS

13.13.010 Customer: means a utility consumer of the City of Independence, including residential, commercial, public, or industrial users.

13.13.020 State: shall mean any agency of the State of Oregon charged with responsibility for establishing administrative regulations pertaining to cross connection requirements.

13.13.030 Cross-connection.

"Cross-connection" means any physical connection or arrangement of piping or fixtures between two otherwise separate piping systems, one of which contains potable water and the other nonpotable water or industrial fluids of questionable safety, through which, or because of which, backflow or back-siphonage may occur into the potable water system. Other types of cross-connections include but are not limited to connectors such as swing connections, removable sections, four-way plug valves, spools, dummy sections of pipe, swivel or changeover devices, sliding multiport tube, and solid connections.

13.13.040 Cross-connection, controlled.

"Controlled cross-connections" means a connection between a potable water system and a nonpotable water system, with an approved backflow-prevention device properly installed that will continuously afford the protection commensurate with the degree of hazard.

13.13.050 Inspection of Premises for Compliance.

The customer's system should be open for inspection at all reasonable times to authorized representatives of the city to determine whether cross-connections or other structural or sanitary hazards, including violations of these regulations, exist. When such a condition becomes known, the City Manager or Designee shall deny or immediately discontinue service to the premises by providing a physical break in the service line until the customer has corrected the condition(s) in conformance with the state and city statutes relating to plumbing and water supplies, and the regulations adopted pursuant thereto.

13.13.060 Backflow-Prevention Device – Required When.

An approved backflow-prevention device shall also be installed on each service line to a customer's water system at or near the property line, or immediately inside the building served, but in all cases before the first branch line leading off the service line whenever the following conditions exist:

A. In case of premises having an auxiliary water supply which is not or may not be of safe bacteriological or chemical quality and which is not acceptable as an additional source by the City Manager or Designee, the public water system shall be protected against backflow from the premises by installing a backflow prevention device in the service line appropriate to the degree of hazard.

B. In the case of premises on which any industrial fluid or any other objectionable substance is handled in such a fashion as to create an actual or potential hazard to the public water system, the public system shall be protected against backflow from the premises by installing a backflow-prevention device in the service line appropriate to the degree of hazard. This shall include the handling of process waters and waters originating from the utility system which have been subject to deterioration in quality.

C. In the case of premises having (1) internal cross-connections that cannot be permanently controlled, or (2) intricate plumbing and piping arrangements, or where entry to all portions of the premises is not readily accessible for inspection purposes, making it impracticable or impossible to ascertain whether or not dangerous cross-connections exist, the public water system shall be protected against backflow from the premises by installing a backflow-prevention device in the service line.

D. Hard plumbed accessory components such as irrigation systems, are required to meet the standards of this ordinance.

13.13.070 Backflow-Prevention Device – Types Required.

The type of protection device required under subsections A, B and C of Section 13.13.060 shall depend upon the degree of hazard which exists, as follows:

A. An approved air-gap or an approved RP device shall be installed where the substance which could backflow is hazardous to health, e.g., sewage treatment plants, sewage pumping stations, chemical manufacturing plants, plating plants, hospitals, mortuaries, carwashes, and medical clinics.

B. An approved double check valve assembly shall be installed where the substance which could backflow is objectionable but does not pose an unreasonable risk to health.

C. An approved pressure vacuum breaker 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 back pressure in the downstream piping. A shutoff valve may be installed on the line downstream of a pressure vacuum breaker.

13.13.080 Backflow-Prevention Device – Specifications.

A. Any backflow-prevention device required herein shall be of a model and size approved by the City Manager or Designee.

B. The term “approved backflow-prevention device” means a device that has been manufactured in full conformance with the standards established by the American Water Works Association, entitled:

AWWA C506-78 Standards for Reduced Pressure Principle and Double Check Valve Backflow Prevention Devices and, have met completely the laboratory and field performance specifications of the Foundation for Cross-Connection Control and Hydraulic Research of the University of Southern California, established by:

Specifications of Backflow Prevention Devices – No. 69-2, dated March 1969, or the most current issue.

Said AWWA and FCCC&HR standards and specifications have been adopted by the City. Final approval shall be evidenced by a certificate of approval issued by an approved testing laboratory certifying full compliance with said AWWA standards and FCCC&HR specifications.

C. The following testing laboratory has been qualified by the City Manager or Designee to test and certify backflow preventers:

Foundation for Cross-Connection Control and Hydraulic Research
University of Southern California
University Park
Los Angeles, CA 90007

D. Testing laboratories other than the laboratory listed above will be added to an approved list as they are qualified by the City Manager or Designee.

E. Backflow preventers which may be subjected to back pressure or back siphonage that have been fully tested and have been granted a certificate of approval by said qualified laboratory and are listed on the laboratory’s current list of “Approved Devices” may be used without further test or qualification.

13.13.090 Tests and Certified Inspections.

A. It shall be the duty of the customer-user at any premises where backflow prevention devices are installed to have certified inspections and operational tests made at least once per year. In those instances where the City Manager or Designee deems the hazard to be great enough, the City Manager or Designee may require certified inspections at more frequent intervals. These inspections and tests shall be at the expense of the water user, and shall be performed by the device manufacturer’s representative, by city public works department personnel, or by a certified tester approved by the Oregon State Health Division. All testers in the City shall have confined space entry training. The customer-user shall notify the City Manager or Designee in advance when the tests are to be undertaken so that the City Manager or Designee or the director’s representative may witness the tests if so desired. Disposition of test results shall be as provided in state law.

B. These devices shall be repaired, overhauled or replaced at the expense of the customer-user whenever the devices are found to be defective. Records of such tests, repairs and overhaul shall be kept, and an original copy shall be sent to the City Manager or Designee in a timely manner.

13.13.110 Existing Protection Devices – Permitted When.

All presently installed backflow-prevention devices which do not meet the requirements of this chapter, but were approved devices for the purposes described herein at the time of installation, and which have been properly maintained, shall, except for the inspection and maintenance requirements under Section 13.13.050, be excluded from the requirements of these rules so long as the City Manager or Designee is assured that they will satisfactorily protect the utility system. Whenever the existing device is moved from the present location, or requires more than minimum maintenance, or when the City Manager or Designee finds that the maintenance constitutes a hazard to health, the unit shall be replaced by a backflow-prevention device meeting the requirements of this chapter.

13.13.120. Existing Protection Devices – Discontinuance When.

If an existing backflow device required by this chapter is not tested and maintained, or it is found that a backflow-prevention device has been removed or bypassed, service will be discontinued until such conditions or defects are corrected.

13.13.130 Conflicting Regulations.

In the event that a conflict exists or develops between any provision of this ordinance and the Uniform Plumbing Code, then the codes shall be interpreted as mutually consistent, if possible. In the event that the interpretation and application cannot be reconciled, then this code shall prevail.

13.13.140 Mobile Units.

Any mobile apparatus which uses the City of Independence system or water from any premises within the City must obtain a permit and shall either have an adequate air gap or backflow assembly.

13.13.150 Fire Systems.

- 1) An approved double check valve assembly shall be the minimum protection for fire systems using piping materials that is not approved by potable water use and/or which does not provide for periodic flow through during each 24-hour period.
- 2) If antifreeze is used to keep fire sprinkler system from freezing a R.P. device will be required.