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HELIX, OREGON

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JAN 14 1997  
FIELD SERVICES  
DRINKING WATER PROGRAM

January 10, 1997

Oregon Health Division  
Drinking Water Program  
ATTN: Bonnie Waybright, PE  
PO Box 14450  
Portland OR 97214-0450

Dear Bonnie:

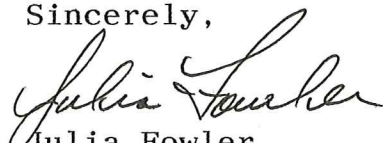
In April 1996, the Helix City Council requested an extension in completing the required Cross-Connection/Backflow Devices Ordinance. This was to give enough time to develop a quality plan.

The City Council have finally finished a plan that they feel comfortable with and are now submitting it to your office.

If you should have any questions please contact Roger Johnson 541-457-2521.

We apologize for the delay and any inconvenience it may have caused.

Sincerely,

  
Julia Fowler  
City Recorder

## Helix Ordinances

### ORDINANCE NO. 7-3-9

CITY OF HELIX WATER DEPARTMENT STANDARD GUIDELINES FOR AN ORDINANCE REGULATING WATER SUPPLY CROSS-CONNECTION HAZARDS FOR THE INSTALLATION, TESTING AND INSPECTION OF BACKFLOW PREVENTION DEVICES.

[Whereas clauses.]

The people of the City of Helix ordain as follows:

Section 1. Prohibited Cross-Connections and Backflow. It is unlawful for the owner of property or the user of City water to introduce or permit the introduction of pollution or contamination of any kind into the City water supply system. Whenever cross-connection to other water supply into the City system is found or whenever any other condition is found which presents the possibility of contamination or pollution, the violator immediately will be notified with written notice stating the nature of the violation and the water supply to such premises and/or other premises from which cross-connection is made shall be discontinued immediately until the cross-connection is eliminated or the condition remedied. The owner of the property may appeal to the City Council for an extension.

Section 2. Costs of Modifications. Any corrective measure, disconnection or change on private property shall be at the sole expense of the person in control of such property. The cost of any change required in the City system outside the property or between the meter and the supply line or distribution system and any charges for cut-off or disconnection shall be added to the charges for water against the premises necessitating the expenditures.

Section 3. Definitions of Backflow Systems. Backflow prevention devices shall be installed whenever the following conditions exist:

A. In the case of premises on which any substances are handled under any pressure in such a fashion so to permit entry into the utility system.

B. In the case of premises having: (1) premises where inspection is restricted or (2) those premises where the potential hazard is extreme including sewage treatment plants and pumping stations, chemical manufacturing plants, hospitals, clinics, mortuaries and metal plating establishments.

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C. In the case of any premise where there is any material dangerous to health which is handled in such a fashion as to permit entry into the potable water system, the potable water system shall be protected by an approved air gap separation or an approved reduced pressure principle backflow prevention device if the premise is to be entirely isolated, or, if on-premise protection is desirable to protect the health of those persons on the premises, a pressure vacuum breaker subject to regular annual inspection may be used.

D. In the case of any premise where a substance that would be objectionable but not hazardous to health, may be introduced into the potable water system shall be protected by an approved double check valve assembly or by an approved pressure vacuum breaker.

E. Irrigation systems may be protected by approved atmospheric or pressure vacuum breakers or double check valve assemblies, except that if fertilizers or other toxic substances are introduced through the irrigation system, an air gap or reduced pressure principle backflow prevention device shall be used.

Section 4. State Approved. Any protective device required herein shall be a model approved by the State of Oregon.

A. It shall be the duty of the owner of the property served to keep backflow protective devices in good working condition at all times. It shall also be the duty of the owner of the property at any premise where backflow protective devices installed to have thorough inspections and leakage tests made at least once a year or more often in those instances where successive inspections indicate failure. These inspections and tests shall, at the expense of the owner of the property, be performed by a person approved by the State of Oregon as a competent device tester. It is the responsibility of the city's representatives to see that these tests are made. Approved device testers shall notify the Water Works Superintendent in advance when the test is to be undertaken so that city representatives may witness the test. Backflow prevention devices shall be repaired, overhauled or replaced at the expense of the owner of the property whenever they are found to be defective. Records of such tests, repairs and overhauls will be maintained by the city water department and it is the responsibility of any backflow prevention device tester performing tests and maintenance on backflow prevention devices to submit records of such tests, repairs and overhauls to the Water Works Superintendent.

B. All presently installed backflow prevention devices which do not meet the requirements of these rules 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 of requirements under subsection Section #4-G, be excluded from the requirements for these rules so long as they satisfactorily protect the water system.

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Whenever such existing device is moved from the present location or requires more than minimum maintenance which constitutes a hazard to health, the device shall be replaced by a backflow prevention device meeting the requirements of these rules.

Section 4. Penalties. A person who shall continue any violation of this ordinance beyond the time for correction in the notice of violation shall, upon conviction, be fined an amount not to exceed \$500 for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

Passed by the City Council and approved by the Mayor January 7, 1997.