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CITY OF ELGIN 41-00273
CROSS-CONNECTION/BACKFLOW PREVENTION RULES

The City of Elgin public works certified water distribution operator will inspect (or cause to be inspected) any facility serviced by the City water supply system where there is a probability of cross-connections or backflow potential in the facility's domestic water service lines.

The inspection will be made based on the State of Oregon guide-lines for protection of domestic water supplies. If the inspector finds a condition which warrants removal of a cross-connection or the installation of a backflow prevention device, the City will notify the facility owner in writing. The notice will:

- a) describe the nature of the problem or potential problem;
- b) suggest appropriate remedial action;
- c) state the date by which the remedial action must be taken;
- d) notify the facility owner/operator that such action must meet the approval of the City inspector or a State Health Division certified cross-connection inspector or certified backflow prevention device tester;
- e) notify the facility owner/operator that an inspection report must be submitted to the City indicating that the remedial action has been inspected/tested.

If an inspection report, required above, has not been received by the City by the due date, the public works department will contact owner/operator to determine if/when such action will be completed. If the circumstances warrant, the department may extend the time period to a date specific if no immediate health risk is probable.

If a facility owner/operator refuses to mitigate a cross-connection or backflow potential identified by the City within a reasonable time, as determined by the notifications given, the public works department shall terminate water service until the proper action has been taken and the inspection report properly filed with the City.

An installed backflow prevention device will be registered with the City. The owner/operator of the device will be notified, by the City on an annual basis, to have the device tested by a State Health Division certified backflow prevention device tester. If the device is found to be non-operational or inadequate to protect the water system, the device shall be repaired or replaced. When a satisfactory test is obtained, a successful test report signed by a certified tester must be filed with the City.

If an owner/operator fails to have a device properly inspected, repaired or replaced as directed by the City or certified tester, water service to the facility will be terminated until the proper testing has been completed.

In any case, if the City inspector determines that an imminent threat to the health or safety of the City water supply exists, the inspector shall take immediate necessary action to eliminate the threat including terminating water service to the facility.

Joe Garlitz
City Administrator

13.08.005 - Definitions.

"Cross-connection" means any arrangement or combination of pipe, tubing, fittings, etc. whereby it is possible, intentionally or accidentally, to introduce any substance (liquid, solid or gas) into the domestic water supply lines of a facility serviced by the city water supply system.

"Backflow" means any flow counter to the normal supply flow direction of the domestic water supply lines of a facility serviced by the city water supply system.

"Backflow prevention device" means a plumbing device designed to prevent backflow in a domestic water supply line approved by the state of Oregon for the specific application intended.

(Ord. 114 § 1 (part), 1996)

13.08.021 - Backflow and cross-connections prohibited.

- A. The city public works department shall adopt rules to define and identify domestic water supply services that require backflow prevention; provide for licensing and inspections of all backflow prevention devices within the city; and provide for the elimination of any cross-connection to the domestic water supply service of any facility that poses a potential threat to the public welfare.
- B. Water service, from the city water supply system, shall be discontinued to any facility that has an unauthorized cross-connection, or to any facility without operating backflow prevention device(s) where such device is required by the rules of the city public works department.

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(Ord. 114 § 1 (part), 1996)

- **13.08.030 - Separate source of water supply.**

A. No connection shall be made, nor shall water service be maintained, to any property in which the plumbing is connected to another source of water supply, whether a valve or valves intervene or not.

B. No person shall connect a separate source of water supply to a plumbing system theretofore connected to the city's water system, nor shall any person by application therefor cause the city water system to be connected to a plumbing system supplied by another water source, whether such a separate water source can be separated by a valve or not.

C. For the purpose of this section, such separate water source shall be considered connected to the city water system unless there be a complete break in the piping between such separate water source and the city water system.
(Ord. 5-1981 § 3)