

ORDINANCE 2008-1

ORDINANCE PROVIDING FOR THE ESTABLISHMENT  
AND ADMINISTRATION OF RULES GOVERNING  
CROSS CONNECTION CONTROL MEASURES FOR  
THE LA PINE WATER DISTRICT

THE LA PINE WATER DISTRICT ORDAINS AS FOLLOWS:

SECTION 1 Definitions and Explanations: As used in this ordinance

1. Approved Backflow Prevention Assembly: A device that prevents back pressure and or back siphonage, and that is approved at the time of installation by the Oregon Department of Human Services, and that is specified by the La Pine Water District, and that is commensurate with the degree of hazard.
2. Auxiliary Water Supply: Any water source or system other than the public drinking water system that may be available in the building or on the premises.
3. Backflow: Flow in the direction opposite to the normal flow or the introduction of any foreign liquids, gasses, or substances into the District's drinking water system.
4. Contamination: The entry into or presence in a public water supply system of any substance which may be deleterious to health and/or quality of the water.
5. Cross Connection: Any physical or potential arrangement where a public water system is connected, directly or indirectly, with any other non-drinkable water system or auxiliary system, sewer, drain conduit, swimming pool, storage reservoir, plumbing fixture, swamp cooler, or any other device which contains, or may contain, contaminated water, sewage, or other liquid of unknown or unsafe quality which may be capable of imparting contamination to the public water system as a result of backflow. Bypass arrangements, jumper connections, removable sections, swivel or changeover devices, or other temporary or permanent devices through which, or because of which, backflow may occur are considered to be cross connections.
6. Cross Connection Specialist: A person designated by the District to operate and enforce a cross connection program and perform cross connection inspections, and who has been certified as a Cross Connection Specialist by the Oregon Department of Human Services under OAR 333-061-0073.
7. Degree of hazard: The degree of hazard shall be derived from the evaluation of health, non-health, and plumbing hazard.
8. District or The District: means the La Pine Water District.
9. Double Check Valve Backflow Prevention Assembly: An assembly composed of two independently acting check valves including tightly closed resilient seated shut off valves attached at each end of the assembly and fitted with properly located resilient seated test cocks.

10. Health Hazard (Contamination): An impairment of the quality of the water that could create an actual hazard to the public health through poisoning or through the spread of disease by sewage, industrial fluids, waste, or other substances.
11. Non Health Hazard (Pollution): An impairment of the quality of the water to a degree that does not create a hazard to public health, but does adversely affect the aesthetic qualities of such water for public use.
12. Plumbing Hazard: An internal or plumbing type cross connection in a consumer's potable water system that may be either a pollution or a contamination type hazard. This includes, but is not limited to, cross connections to toilets, sinks, lavatories, wash trays, domestic washing machines, and lawn sprinkler systems. Plumbing type cross connections can be located in many types of structures including homes, apartment houses, hotels, and commercial or industrial establishments.
13. Point of Delivery: The point of connection between a public water system and the user's water system. In the case of the La Pine Water District, the point of delivery is the back or customer's side of the water meter.
14. Premise Isolation: The practice of protecting the public water supply from contamination or pollution by installing a minimum of a Double Check Valve backflow prevention assembly at, or near, the point of delivery where the water supply enters the premise. Premise isolation does not guarantee protection to persons on the premises.
15. Reduced Pressure Principle Backflow prevention Assembly, or RP: An assembly containing two independently operating check valves together with a hydraulically operating, mechanically independent pressure differential relief valve located between the check valves. The unit shall include properly located resilient seated test cocks and tightly closing resilient seated shut off valves at each end of the assembly.

## SECTION 2 Cross Connection Control – General Policy

1. Purpose: The purpose of this ordinance is:
  - a. To protect the health and welfare of the customers of the District by the control of actual or potential contamination or pollution from cross connections and,
  - b. To eliminate or control existing cross connections, actual or potential, between the consumer's drinking water systems, lawn and fire sprinkler systems, and plumbing fixtures and industrial water distribution systems, and,
  - c. To provide for annual testing and maintenance of cross connection and backflow prevention assemblies.
2. Responsibility: The property owner shall be responsible for all cross connection control within the premises and protecting the public the public drinking water system from contamination or pollution due to the backflow of contaminants or pollutants through water service.

The property owner shall, at their own expense, install an approved backflow prevention assembly at the point of delivery, in an enclosure that is sized large enough to facilitate testing and repairs and that is deep enough and insulated to protect from freezing, that is commensurate with the degree of hazard and submit a test report from an Oregon Department of Human Services certified backflow assembly tester in an approved format to the District that provides the date, serial number, make and model, size, physical location, and passing test results prior to receiving water service.

Water Service shall be discontinued by the District in the event said cross connection and/or backflow prevention assemblies are not installed, maintained and tested at least annually. In addition, the consumer and real property owner shall be responsible for all damage caused to the District's drinking water system and any other damage which results from violation of this Ordinance's provisions.

SECTION 3 REQUIREMENTS

1. Inspections: Authorized employees of the District shall have access during reasonable hours to all parts of a premise and within the building to which water is supplied. However, if any water user refuses access to a premise or to the interior of a structure at reasonable times and on reasonable notice for inspection by a cross connection specialist appointed by the District, an RP device will be immediately required to be installed at the service connection to that premise. If the water user refuses to install the RP device, then the District may terminate water service immediately, or apply to any court of competent jurisdiction for a warrant authorizing entry onto the premise for the purpose of inspection of the customers plumbing system.
2. Annual Testing and Repairs: All backflow devices installed within the District boundaries shall be tested immediately upon installation and at least annually thereafter by an Oregon Department of Human Services certified backflow assembly tester with an approved differential pressure gauge that has been calibrated within the past twelve months. All such devices found not functioning properly shall be promptly repaired or replaced by the water user. If any such device is not repaired or replaced within a maximum of thirty (30) days, the District may deny or discontinue water service to the premise.
3. Costs of Compliance: All costs associated with purchase, installation, inspections, testing, maintenance, parts, and repairs of the backflow device are the financial responsibility of the property owner.
4. Termination of Service: Failure on the part of any customer to protect the La Pine Water District's water system with an approved backflow prevention assembly is sufficient cause for the immediate discontinuance of water service to the premises.
5. Savings-Clause: If any provision, section, sentence, clause, phrase or portion of this ordinance shall for any reason be judged invalid or unenforceable by a court of competent jurisdiction, the remainder of the ordinance shall remain in full force and effect.
6. Enforcement: The District is authorized to make all necessary and reasonable rules and policies with respect to the enforcement of this ordinance.

Signed by me in open session in authentication of its passage  
This \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
President

Attested:

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Secretary