

ORDINANCE NO. 1195

AN ORDINANCE RELATING TO CROSS CONNECTION CONTROL AND STATING AN EFFECTIVE DATE.

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THE CITY OF MYRTLE POINT ORDAINS AS FOLLOWS:

Section 1. Pursuant to Chapter 333, Division 61, of the Oregon Administrative Rules, it is the responsibility of the City of Myrtle Point to protect its drinking water by instituting and enforcing a cross connection control ordinance.

1:01 DEFINITIONS

(1) "Approved backflow prevention assembly" or "backflow assembly" or "assembly" means an assembly to counteract back pressures or prevent back siphonage. This assembly must appear on the list of approved assemblies issued by the Oregon State Health Division.

(2) "Auxiliary supply" means any water source or system other than the public water system, that may be available in the building or on the premises.

(3) "Backflow" means the flow in the direction opposite to the normal flow or the introduction of any foreign liquids, gases, or substances into the water system of the City's water.

(4) "Boresight" or "boresight to daylight" means providing adequate drainage for backflow prevention assemblies installed in vaults through the use of an unobstructed drain pipe.

(5) "Contamination" means 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.

(6) "Council" shall mean the City Council of Myrtle Point.

(7) "Cross connection" means any physical arrangement where a public water system

is connected, directly or indirectly, with any other 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.

(8) "Degree of hazard" means the low or high hazard classification that shall be attached to all actual or potential cross connections.

(9) "Double check valve backflow prevention assembly" or "double check assembly" or "double check" means an assembly which consists of two independently operating check valves which are spring-loaded or weighted. The assembly comes complete with a shut-off valve on each side of the checks, as well as test cocks to test the checks for tightness.

(10) "Health hazard" means an actual or potential threat of contamination of a physical or toxic nature to the public potable water system or the consumer's potable water system that would be a danger to health.

(11) "High hazard" means the classification assigned to an actual or potential cross connection that potentially could allow a substance that may cause illness or death, to backflow into the potable water supply.

(12) "Low hazard" means the classification assigned to an actual or potential cross connection that potentially could allow a substance that may be objectionable, but not hazardous to one's health, to backflow into the potable water supply.

(13) "Plumbing hazard" means an internal or plumbing-type cross connection in a consumer's potable water system than may be either a polluttional 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 sprinkling systems. Plumbing-type cross connections can be located in many types of structures including homes, apartment houses, hotels and commercial or industrial establishments.

(14) "Point-of-use isolation" means the appropriate backflow prevention within the consumer's water system at the point at which the actual or potential cross connection exists.

(15) "Polluttional hazard" means an actual or potential threat to the physical properties of the water system or the potability of the public or the consumer's potable water system but which would not constitute a health or system hazard, as defined. The maximum degree of intensity of polluttion to which the potable water system could be degraded under this definition would cause a nuisance or be aesthetically objectionable or could cause minor damage to the system or its appurtenances.

(16) "Potable water supply" means any system of water supply intended or used for

human consumption or other domestic use.

(17) "Premises" means any piece of property to which water is provided including all improvements, mobile structures and structures located on it.

(18) "Premises isolation" means the appropriate backflow prevention at the service connection between the public water system and the water user.

(19) "Reduced pressure principle backflow prevention assembly" or "reduced pressure principle assembly" or "RP assembly" shall mean an assembly containing two independently acting approved check valves together with a hydraulically-operated, mechanically independent pressure differential relief valve located between the check valves and at the same time below the first check valve. The assembly shall include properly located test cocks and tightly closing shut off valves at the end of the assembly.

(20) "System hazard" means an actual or potential threat of severe danger to the physical properties of the public or consumer's potable water system or of a pollution or contamination which would have a detrimental effect on the quality of the potable water in the system.

(21) "Thermal expansion" means heated water that does not have the space to expand. The purpose of this policy is to protect the water supply of the City of Myrtle Point from contamination or pollution due to any existing or potential cross connections.

1:03 CROSS CONNECTIONS REGULATED

(1) No cross connections shall be created, installed, used or maintained within the territory served by the City of Myrtle Point, except in accordance with this policy. A representative of the water system of the City of Myrtle Point shall determine the type and location of backflow assembly to be installed within the area served by the City of Myrtle Point. The assembly will be required in each of the following circumstances, but the representative is in no way limited to the following circumstances:

(a) The nature and extent of any activity of the premises, or the materials used in connection with any activity of the premises, or materials stored on the premises, could contaminate or pollute the potable water supply.

(b) Premises having any one or more cross connections as that term is defined in Section 1:01.

(c) Internal cross connections are present that are not correctable.

(d) Intricate plumbing arrangements are present that make it impractical to ascertain whether cross connections exist.

(e) There is a repeated history of cross connections being established or re-established.

(f) There is unduly restricted entry so that inspections for cross connections cannot be made with sufficient frequency to assure that cross connections do not exist.

(g) Materials are being used such that, if backflow should occur, a health hazard could result.

(h) Installation of an approved backflow prevention assembly is deemed to be necessary to accomplish the purpose of these regulations in the judgement of the City of Myrtle Point.

(i) An appropriate cross connection survey report form has not been filed with the Public Works Department of the City of Myrtle Point upon request of the City.

(j) A fire sprinkler system using non-potable piping material is connected to the City's water system.

(k) All new construction if deemed necessary in the plan review. The type of assembly will be commensurate with the degree of hazard as determined by the representative of the water system.

(l) When a building is constructed on commercial premises, and the end use of such building is not determined or could change, a reduced pressure principle backflow prevention assembly may be installed at the service connection that supplies water for public domestic use.

(m) All facilities that require continuous, uninterrupted water service and are required to have a backflow assembly must make provisions for the parallel installation of assemblies of the same type so that testing, repair and maintenance can be performed.

(n) Any used water return system.

(o) If it is determined that additions or rearrangements have been made to the plumbing system without obtaining proper permits as required by the City.

(p) All multistory buildings or any building with a booster pump or elevated storage tank.

(q) Retrofitting will be required where a cross connection exists.

(r) There is an auxiliary water supply which is, or can be, connected to the potable water piping.

(s) There is piping for conveying liquids other than potable water, and where the piping is under pressure and is installed in proximity to potable water piping.

(t) Cross connections or potential cross connections exist.

1:04 MOBILE UNITS

(1) Any mobile unit or apparatus which uses City of Myrtle Point water or water from any premises within the district's system shall first notify the City of Myrtle Point and comply with all cross connection control policies.

1:05 WATER USERS' RESPONSIBILITIES

(1) The property owner is responsible for providing adequate freeze protection for any backflow assemblies installed on or in their property.

(2) The property owner is responsible for providing adequate protection against thermal expansion.

(3) Any water pressure loss caused by the installation of a premise isolation assembly is not the responsibility of the City of Myrtle Point.

1:06 INSTALLATION REQUIREMENTS

Each backflow assembly installed within the City of Myrtle Point shall be an approved assembly and be installed in accordance with Oregon Administrative Rules, Chapter 333-061-0071, "Backflow Assembly Installation Standards."

1:07 ACCESS TO PREMISES

Authorized employees of the City of Myrtle Point, with proper identification, shall have access during the hours of 8:00 a.m. to 6:00 p.m. to all parts of the premises and within the building to which water is supplied. However, if any water user refuses access to the premises or to the interior of a structure during these hours for inspection by a cross connection specialist appointed by the Council, a reduced pressure principle assembly must be installed at the service connection to the premises.

1:08 ANNUAL TESTING AND REPAIRS

All backflow assemblies installed within the territory served by the City of Myrtle Point shall be tested immediately upon installation, if repaired, if moved, and at least annually thereafter by a state certified tester. All such assemblies found not functioning properly shall be promptly repaired or replaced.

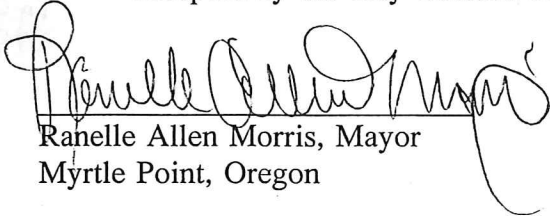
1:09 COSTS OF COMPLIANCE

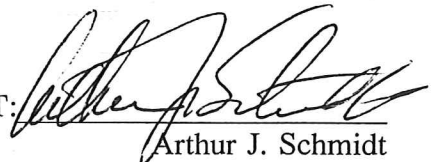
All costs associated with purchase, installation, testing, replacement, maintenance, parts, and repairs of any backflow assembly are the financial responsibility of the property owner, not the City of Myrtle Point.

Section 2. The Ordinance shall become effective September 2, 1998.

FIRST READ to the Council the 20th day of July, 1998.
PASSED by the Council this 3rd day of August, 1998.
SIGNED by the Mayor this _____ day of August, 1998
EFFECTIVE this 2nd day of September, 1998

Adopted by the City Council of the City of Myrtle Point this 3rd day of August, 1998.


Ranelle Allen Morris, Mayor
Myrtle Point, Oregon

ATTEST: 
Arthur J. Schmidt
City Manager
Myrtle Point, Oregon