

AMENDMENT 2: An amendment regulating connection to the Hat Rock Water Co., Inc. System to protect against backflow to the system or cross connection: establishing standards and imposing penalties for violation.

Whereas, the purpose of this amendment is to find and declare that all existing and future connections to the Hat Rock Water System which have the potential to allow contaminated waters to be siphoned, pumped or injected into the potable water supply shall be required to install approved regulating devices; declare that such devices must be tested and maintained; provide for termination of water supply and the financial responsibility for customers or owners who fail to install, test or maintain such devices to the

detriment of the health, comfort, convenience, safety and welfare of the residents of Hat Rock Tracts and its inhabitants.

The Hat Rock Water Company, Inc., acting by and through its Board of Directors, does amend the by-laws as follows:

Definitions: The following terms and definitions shall have the following meanings as provided in this amendment:

(1) "Air Gap Separation" means a physical separation between the free flowing discharge end of a potable water supply pipeline and the overflow rim of an open or non-pressure receiving vessel. The air gap shall be at least twice the diameter of the inlet pipe, measured vertically above the top overflow rim of the receiving vessel, but in no case less than one inch.

(2) "Approved" as herein used in reference to air-gap separation, a double check valve assembly, a reduced pressure principle backflow prevention assembly or other backflow prevention assemblies or methods shall mean an approval by the Oregon State Health Division.

(3) "Atmospheric Vacuum Breaker" means an assembly containing a float-check, a check seat and an air inlet port. The flow of water into the body causes the float to close the air inlet port. When the flow of water stops, the float falls and forms a check valve against backsiphonage and at the same time opens the air inlet port to allow air to enter and satisfy the vacuum. A shutoff valve immediately upstream may be an integral part of the assembly. An atmospheric vacuum breaker is designed to protect against a health hazard (i.e. contaminant) under a backsiphonage condition only. It shall not be installed where it will be under continuous operating pressure for more than 12 hours in any 24 hour period.

(4) "Backflow Prevention Device" or "Backflow Prevention Device Assembly" means a backflow prevention device such as a pressure vacuum breaker, a double check valve or a reduced pressure principle device and the attached shut-off valves on the inlet and outlet ends of the device assembled as a complete unit. "Backflow Prevention Device" may also mean an air gap separation and an atmospheric vacuum breaker.

(5) "Certified Tester" means someone that is certified by the Oregon State Health Division to perform backflow device testing.

(6) "Cross Connection" means any actual or potential connection, whereby a public water supply is connected, directly or indirectly, with any non-potable or unapproved water supply system, sewer, drain, conduit, pool, storage reservoir, plumbing fixture or other device which contains or may contain, contaminated water, liquid, gases, sewage or other waste of

unknown or unsafe quality which may be capable of imparting contamination to the public water supply as a result of backflow.

(7) "Customer Premises" or "Premises" means the area of water system delivery as contained in the records of the Hat Rock Tracts, including all grounds, buildings and areas upon which municipal water supply is available or used.

Cross Connection Prohibited. The installation or maintenance of a cross connection which will endanger the water quality of the potable water supply system of the Hat Rock Tracts shall be unlawful and is prohibited. Any such cross connection now existing or hereafter installed is hereby declared to be a public hazard, and the same shall be abated as provided in this amendment.

Cross Connection Control Devices Required. All customers connected to the water system shall cause to be installed approved backflow prevention devices when required by the Oregon State Plumbing Laws, Oregon Administrative Rules or regulations or the Oregon State Health Division, the Environmental Protection Agency, the Department of Environmental Quality, the Occupational Safety and Health Administration, The American Water Works Association or on any premises where:

(1) There is an auxiliary water supply which is or can be connected to the potable water piping; or

(2) There is piping for conveying liquids other than potable water and where that piping is under pressure and is installed and operated in a manner which could cause a cross connection; or

(3) There is intricate plumbing which makes it impractical to ascertain whether or not cross connections exist.

Inspection of Premises. Any duly authorized employee or contractor of the Hat Rock Water Company, Inc. shall have the right to enter upon and inspect any water plumbing system receiving water from the Hat Rock Water System. The purpose of such inspections shall be to identify any cross connection or other existing or potential contamination hazards.

Existing Cross Connection. If the Hat Rock Water Company, Inc. has reasonable cause to believe an existing cross connection exists on the consumer premises, water service may be denied and physically discontinued. The consumer and the property owner identified in the records of the Hat Rock Water Company, Inc. water system will be notified in writing

of the cross connection and source. Water service will continue to be discontinued until:

- (1) An approved cross connection control device is installed, or
- (2) The cause of the cross connection is eliminated.

Potential Cross Connections. If the Hat Rock Water Company, Inc. has reasonable cause to believe a potential cross connection is located on the consumer premises, written notice shall be provided to the consumer and the property owner identified in the records of the Hat Rock Water Company, Inc. providing for thirty (30) days to correct the potential cross connection by:

- (1) Installing an approved cross connection control device, or
- (2) Elimination of the potential cross connection hazard.

Cost of Installation. Any installation, corrective measure, disconnection or other change to a cross connection control device shall be at the sole expense of the customer or owner. The cost of any change required in the Hat Rock Water Company, Inc. system outside the property or between the supply line or distribution system and any charges for cutoff or disconnection shall be added to the charges for water against the premises which necessitated the expenditures.

Cost of Testing. The cost of testing required by this resolution shall be at the sole expense of the customer or owner. Testing must be completed by an individual certified by the Oregon State Department of Health to conduct such tests.

Protection of Devices. Consumer or owner shall be solely responsible for the protection of devices installed in accord with this amendment. Protection of devices from freezing and severe weather conditions is required. Such protection may include provisions for draining such devices when the device is in use on a seasonal basis.

Reinstating Discontinued Service. Service discontinued as provided in this resolution may not be reinstated until all conditions of this amendment are met, and all outstanding fees for water use, discontinuation and other charges for services due and payable from the consumer's premises shall have been paid or arrangements made for payment therefore.

***Adopted by the membership April 7, 1998***