

41-00827

SNO-CAP WATER SYSTEM

CROSS CONNECTION CONTROL POLICY

A POLICY PROVIDING A CROSS CONNECTION CONTROL PROGRAM

Pursuant to Chapter 333, Division 61, or as amended, of the Oregon Administrative Rules, it is the responsibility of the Sno-Cap Water System to protect its drinking water by instituting and enforcing a cross connection control program.

A cross connection control policy for the Sno-Cap Water System is hereby provided.

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1:01 DEFINITIONS

(1) "APPROVED BACKFLOW PREVENTION ASSEMBLY" or "BACKFLOW ASSEMBLY" or "ASSEMBLY" means an assembly to counteract backpressures or prevent back-siphonage. This assembly must appear on the list of approved assemblies issued by the Oregon State Health Division.

(2) "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 Sno-Cap Water System's water.

(3) "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.

(4) "CROSS CONNECTION" means any physical arrangement where a potable water supply 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 coolers, 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.

(5) "DEGREE OF HAZARD" means the LOW or HIGH HAZARD classification that shall be attached to all actual or potential cross connections.

(6) "DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY" or "DOUBLE CHECK ASSEMBLY" or "DOUBLE CHECK" means an assembly which consists of two (2) 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.

(7) "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.

(8) "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.

(9) "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.

(10) "POLLUTIONAL 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 pollution 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.

(11) "POTABLE WATER SUPPLY" means any system of water supply intended or used for human consumption or other domestic use.

(12) "PREMISES" or "PREMISE" means any piece of property to which water is provided, including, but not limited to, all improvements, mobile structures and structures located on it.

(13) "PREMISE ISOLATION" means the appropriate backflow prevention at the service connection between the public water system and the water user.

(14) "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.

(15) "RESIDENT" means a person or persons living within the territory served by the Sno-Cap Water System.

(16) "SNO-CAP" means Sno-Cap Water System.

(17) "THERMAL EXPANSION" is the term used for heated water that does not have the space to expand.

(18) "WATER SYSTEM" means Sno-Cap Water System.

1:02 PURPOSE

The purpose of this policy is to protect the water supply of the Sno-Cap Water System 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 Sno-Cap Water System, except in accordance with this policy.

(2) No air gap shall be altered in any way. In the event the air gap is altered, extended or eliminated a backflow assembly commensurate with the degree of hazard will be installed at the service connection or at a location approved by Sno-Cap.

(3) Sno-Cap Water System shall carry out or cause inspections to be carried out and/or send out surveys to each resident. These surveys must be completely filled out and returned, as requested. If found necessary, an assembly commensurate with the degree of hazard will be required to be installed at the service connection.

(4) The resident is responsible for all cross connection control within the premises.

- (5) The use of any type of chemical spray attachment connected to the premise plumbing, including garden hose fertilizers and pesticide applicators, is prohibited within Sno-Cap's water system without proper protection from the potential of backflow occurring.
- (6) The use of any type of radiator flush kits attached to the premise plumbing is prohibited within the Sno-Cap Water System without proper protection from backflow occurring.
- (7) All new water services are required to have the minimum of a double check valve assembly installed at the service connection before water use is granted. Installation of backflow assemblies will occur directly behind the water meter unless otherwise approved by the Sno-Cap Water System. The type of assembly installed at the meter shall be one that Sno-Cap has deemed commensurate with the degree of Hazard.
- (8) An approved backflow assembly commensurate with the potential degree of hazard shall be installed at the service connection to all construction sites that use Sno-Cap's water.
- (9) Whenever a sale of property or transfer of interest of property occurs, an assembly commensurate with the degree of hazard shall be installed at the service connection.

1:04 BACKFLOW PREVENTION ASSEMBLY REQUIREMENTS

A backflow prevention assembly commensurate with the degree of hazard shall be required in each of the following circumstances but Sno-Cap is not limited to the following circumstances:

- (1) All assemblies shall be installed directly adjacent to service connection unless otherwise approved by the Sno-Cap Water System.
- (2) When the nature and extent of any activity at a premise, or the materials used in connection with any activity at a premise, or materials stored at a premise, could contaminate or pollute the potable water supply.
- (3) When a premise has one or more cross connections as that term is defined in Section 1:01, Definitions.
- (4) When internal cross connections are present that are not correctable.
- (5) When intricate plumbing arrangements are present that make it impractical to ascertain whether cross connections exist.
- (6) When a premise has a repeated history of cross connections being established or re-established.

(7) When installation of an approved backflow prevention assembly is deemed by an employee of the Sno-Cap Water System to be necessary to accomplish the purpose of these regulations.

(8) When an appropriate cross connection survey report form has not been filed with the Sno-Cap Water System.

(9) If the Sno-Cap Water System determines that additions or re-arrangements have been made to the plumbing system without the proper permits, as required by the Sno-Cap Water System, premise isolation shall be required.

(10) If there is any of the following: hot tub, jacuzzi, solar systems, swimming pools, lawn irrigation systems, ornamental fountains or any other equipment used in conjunction with the Sno-Cap potable water system.

1:05 THERMAL EXPANSION

It is the responsibility of the property owner, the lessee, and/or the person in control to eliminate the possibility of thermal expansion, if a closed system has been created by the installation of a backflow prevention assembly

1:06 MOBILE UNITS

Any vehicle, mobile unit or apparatus which uses the Sno-Cap's water, or water from any PREMISE within the Sno-Cap Water System's system, shall first obtain a permit from the Sno-Cap Water System.

1:07 INSTALLATION REQUIREMENTS

All backflow prevention assembly installations shall follow the requirements as stipulated by the Oregon Administrative Rules (OAR) 333-061-0070 section 8, and Section 1 through 4 of OAR 333-061-0071, or as amended.

1.08 FIRE SYSTEMS

An approved double check valve assembly shall be the minimum protection on fire sprinkler systems using piping material that is not approved for potable water use and/or does not provide for periodic flow through during each 24 hour period. A reduced pressure principle assembly must be installed if any solution other than the potable water can be introduced into the sprinkler

system.

1.09 PLUMBING CODE

As a condition of water service, customers shall install, maintain, and operate their piping and plumbing systems in accordance with the Oregon Specialty Plumbing Code, or as amended and any county codes which may exist. If there is a conflict between this Ordinance and these Codes the more restrictive provision shall apply.

1:10 ACCESS TO PREMISES

Authorized personnel of the Sno-Cap Water System, with proper identification and sufficient notice, shall have access during reasonable hours to all parts of a premise and within the structure to which water is supplied. If any resident, water customer or their agent or agent's designee refuses authorized personnel access to a premise, or to the interior of a structure, during these hours for inspection, a reduced pressure principle assembly must be installed at the service connection to that premise. This installation must be done in accordance with OAR 333-061-0070-0074, or as amended.

1:11 ANNUAL TESTING AND REPAIRS

It is the responsibility of home owners, their leasee or person in control of the property to cause all backflow assemblies to be installed, tested and repaired. All backflow assemblies shall be a make and model found on the most recent list of the approved assemblies issued by the Oregon Health Division.

All backflow prevention assemblies installed within the territory served by the Sno-Cap Water System shall be tested immediately upon installation, and at least annually thereafter by a Oregon state certified tester. Upon completion of the installation of any assemblies within the premises, Sno-Cap Water System shall be notified. All backflow assemblies must be registered with Sno-Cap Water System. Registration shall consist of the date of installation, make, model, size, serial number, location, and initial test report. Any such assemblies found not functioning properly shall be promptly repaired or replaced at the expense of the resident. If any such assembly is not promptly repaired or replaced, Sno-Cap Water System may deny or discontinue water to the premise. It is the responsibility of the property owner, their leasee, or the person in control to provide protection for the backflow assembly from freezing and vandalism.

1:12 COSTS OF COMPLIANCE

All costs associated with purchase, installation, inspections, testing, replacement, maintenance, parts, and repairs of the backflow prevention assembly are the financial responsibility of the property owner, their leasee, or the person in control of the property.

1:13 TERMINATION OF SERVICE

Failure on the part of any customer to discontinue the use of all cross connections and to physically separate cross connections is sufficient cause for the immediate discontinuance of public water service to the premises. (OAR chapter 333-61-070, section 1b, or as amended)

1:14 CONSTITUTIONALITY AND SAVING CLAUSE

That if any provision, section, sentence, clause or phrase of this Policy, or the application of same to any person or set of circumstances, are for any reason held to be unconstitutional, void, invalid, or for any reason unenforceable, the validity of the remaining portions of this Policy, or its application to other persons or circumstances, shall not be affected; thereby, it being the intent of the Sno-Cap Water System in adopting and approving this Policy that no portion hereof or provision or regulation contained herein shall become inoperative or fail by reason of any unconstitutionality or invalidity of any other portion, provision, or regulation.

1:15 EFFECTIVE DATE

This Policy shall be effective as of 1-19-01.

Walt Shrewy President
Signature Title