

CROSS CONNECTION CONTROL ENABLING AUTHORITY

For the

Shenandoah Homeowners, Inc
PWS 4100836

RECEIVED
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FIELD SERVICES
DRINKING WATER PROGRAM

Section 1: Cross Connection Control--General Policy

1.1 Purpose of the Enabling Authority:

The purpose of this enabling authority is to protect the public water supply of the Shenandoah Homeowners, Inc. from the possibility of contamination or pollution from any cross connection and to assure that approved backflow prevention assemblies are tested when put into service, repaired or relocated, and at least on an annual basis thereafter. This enabling authority is required by Oregon Administrative Rule (OAR) 333-061-0070 and 333-061-0071 for public water systems and the Uniform Plumbing Code (UPC), also known as the Plumbing Specialty Code, as adopted by the State of Oregon.

1.2 Responsibility: Water Purveyor (Shenandoah Homeowners, Inc):

- 1.2.1 The Shenandoah Homeowners, Inc. shall be responsible for the protection of the water distribution system from the foreseeable conditions leading to the possible contamination or pollution of the drinking water system due to the backflow of contaminants or pollutants into the drinking water supply.
- 1.2.2 Drinking water system surveys/inspections, when necessary, of the water distribution system shall be conducted by individuals deemed qualified by and representing Shenandoah Homeowners, Inc.. Survey/inspection records shall indicate compliance with OAR 333-061-0070 and 333-061-0071 and the UPC adopted by the State of Oregon.
- 1.2.3 The selection of the appropriate approved backflow prevention assembly for containment control at the required service shall be determined from the results of the system survey/inspection.

1.3 Responsibility: Consumer (home owner, user, renter)

- 1.3.1 To comply with this enabling authority as a term and condition of water supply and acceptance of his/her responsibilities as a water system user.

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- 1.3.2 It shall be the responsibility of the consumer to purchase, install and arrange testing and maintenance of any backflow prevention assembly required to comply with this enabling authority. Failure to comply with this enabling authority shall constitute grounds for discontinuance of water service.
- 1.3.3 It shall be the responsibility of the owner of the backflow prevention assembly to provide the results of the annual test report to the water system operator or owner of the Shenandoah Homeowners, Inc. for its Annual Summary Report for the DHS Drinking Water Program.

Section 2: Definitions

- 2.1 Approved Backflow Prevention Assembly: means a Reduced Pressure Principle Backflow Prevention Assembly, Reduced Pressure Principle-Detector Backflow Assembly, Double Check Valve Backflow Prevention Assembly, Double Check-Detector Backflow Prevention Assembly, Pressure Vacuum Breaker Backsiphonage Prevention Assembly or Spill-Resistance Pressure Vacuum Breaker Backsiphonage Prevention Assembly, of a make, model, orientation and size approved by the Department. Assemblies listed in the currently approved backflow prevention assemblies list developed by the University of Southern California, Foundation for Cross-Connection Control and hydraulic research, or other testing laboratories using equivalent testing methods, are considered approved by the Department.
- 2.2 Backflow: means the flow of water or other liquids, mixtures, or substances into the distribution pipes of a potable supply of water from any sources other than its intended source, and is caused by backsiphonage or backpressure.
- 2.3 Backpressure: means an elevation of pressure downstream of the distribution system that could cause, or tend to cause, water to flow opposite of its intended direction.
- 2.4 Backsiphonage: means a drop in distribution system pressure below atmospheric pressure (partial vacuum), that would cause, or tend to cause, water to flow opposite of its intended direction.
- 2.5 Cross Connection: means any actual or potential unprotected connection or structural arrangement between the public or user's potable water system and any other source or system through which it is possible to introduce into any part of the potable system any used water, industrial fluid, gas, or substances other than the intended

potable water with which the system is supplied. Bypass arrangements, jumper connections, removable sections, swivel, or change-over devices, and other temporary or permanent devices through which, or because of which, backflow can occur are considered to be cross connections.

- 2.6 Department: means the Oregon Department of Human Services (DHS).
- 2.7 Premise Isolation: means the practice of protecting the public water supply from contamination or pollution by installing backflow prevention assemblies at, or near, the point of delivery where the water supply enters the premise. Premise isolation does not guarantee protection to persons on the premise.

Section 3: Requirements

3.1 Policy:

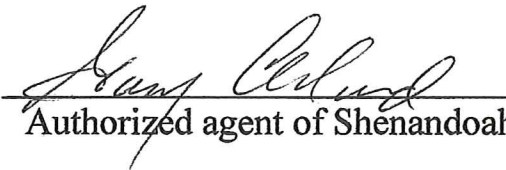
- 3.1.1 No water service connection to any premise shall be installed or maintained by Shenandoah Homeowners, Inc. unless the water supply is protected as required by OAR 333-061-0070 and 333-061-0071, the Plumbing Specialty Code of Oregon and this enabling authority. Water service to a customer found to be in violation of this enabling authority shall be discontinued by Shenandoah Homeowners, Inc. after due process of written notification and an appropriate time allowance for voluntary compliance, if the customer fails to:
- a) Remove or eliminate an existing unprotected or potential cross connection;
 - b) Install a required approved backflow prevention assembly;
 - c) Maintain an approved backflow prevention assembly;
 - d) Conduct the required testing of an approved backflow prevention assembly.
- 3.1.2 Each resident shall allow access for inspections during reasonable hours to authorized representative(s) of the Shenandoah Homeowners, Inc. for the purpose of conducting a hazard assessment survey to determine whether cross connections, actual or potential, exist. Water service may be refused or terminated, or maximum backflow protection may be required, to the premises where access is denied.

- 3.1.3 In the event of an actual backflow incident which endangers public health, water service may be terminated immediately and not restored until the cross connection is either eliminated or adequately protected.
- 3.1.4 Any residential construction requiring a new service connection after January 1, 2007, shall install an approved backflow prevention assembly as premise isolation commensurate with the degree of hazard as determined by a survey conducted by Shenandoah Homeowners, Inc. At a minimum, a double check valve backflow prevention assembly shall be required.
- 3.1.5 Any residential customer that has a private well used for any purpose shall have a reduced pressure backflow prevention assembly installed as premise isolation or verification that the well is not physically connected in any way to the household plumbing supply.

3.2 Violation of this enabling authority

If violations of this enabling authority exist or if there has not been any corrective action taken by the customer within 14 days of the written notification of the deficiencies noted, then Shenandoah Homeowners, Inc. shall deny or immediately discontinue water service to the premises by providing a physical break in the service line until the customer has corrected the conditions(s) to be in conformance with applicable OAR and Plumbing Specialty Code regulations and statutes relating to plumbing, safe drinking water and this enabling authority.

This enabling authority is approved and adopted on this date 3-12-07, by


Authorized agent of Shenandoah Homeowners, Inc.

and will remain in full force and in effect as of this date and shall remain in effect until such time as amended or eliminated.