

Treasure Island Water System Cross-Connection Control Policy Resolution

Finding of Fact

Whereas it is the responsibility of a water purveyor to provide water to the customer at the service connection that meets Washington state water quality standards;

Whereas it is the water purveyor's responsibility to prevent the contamination of the public water system from the source of supply (i.e., to the customer's connection to the service pipe);

Whereas it is a requirement of the Washington State Department of Health (DOH) for the Purveyor to establish a cross-connection control program satisfactory to DOH;

Whereas cross connections within the customer's plumbing system pose a potential source for the contamination of the public water supply system;

Now be it resolved that the Treasure Island Country Club, Inc., hereinafter referred to as the Purveyor, establishes the following service policy to protect the Purveyor-owned water system from the risk of contamination. For public health and safety, this policy shall apply equally to all new and existing customers.

Definitions

Unless otherwise defined, all terms used in this resolution pertaining to cross-connection control have the same definitions as those contained in Chapter 246-290-010 WAC (Group A Public Water Systems).

The following acronyms and terms are used in this resolution:

BAT – backflow assembly tester

CCS – cross-connection control specialist

Customer – Treasure Island property owner

DOH – Department of Health

Purveyor – Water system owner, i.e., Treasure Island Country Club, Inc.

WAC – Washington Administrative Code

Prevention of Contamination

The customer's plumbing system, starting from the termination of the Purveyor's water service pipe, shall be considered a potential high-health hazard requiring the isolation of the customer's premises by a DOH-approved backflow prevention assembly. The backflow prevention assembly shall be located at the end of the Purveyor's water service pipe (i.e., immediately downstream of the connection). Water shall only be supplied to the customer through a DOH-approved backflow prevention assembly.

Notwithstanding the aforesaid, the Purveyor, upon an assessment of the risk of contamination posed by the customer's plumbing system and use of water, as explained in item #9 below, may allow a single-family residential customer to connect directly to the water service pipe, i.e., without a DOH-approved backflow prevention assembly.

Conditions for Providing Service

Water service is provided based on the following terms and limitations:

1. The Purveyor shall require the customer to take all measures necessary to prevent the contamination of the plumbing system within his/her premises and the Purveyor's distribution system that may occur from backflow through a cross connection. These measures shall include the prevention of backflow under any backpressure or

backsiphonage condition, including the disruption of the water supply from the Purveyor's system that may occur during routine system maintenance or during emergency conditions, such as a water main break.

2. For the prevention of contamination and protection from thermal expansion, due to a closed system that could occur with the present or future installation of backflow preventers on the customer's service and/or at plumbing fixtures, the Purveyor shall require the customer to install, operate, and maintain at all times his/her plumbing system in compliance with the current edition of the Washington State Uniform Plumbing Code.

3. For cross-connection control or other public health-related surveys, the Purveyor shall require the customer to provide for the Purveyor's employees or agents free access to all parts of the premises given reasonable notice during reasonable working hours of the day for routine surveys and at all times during emergencies.

Where agreement for free access for the Purveyor's survey is denied, the Purveyor may supply water service provided that premises isolation is provided through a DOH-approved backflow prevention assembly.

4. The Purveyor shall require the customer to install all backflow prevention assemblies requested by the Purveyor and to maintain those assemblies in good working order. The assemblies shall be of a type, size, and make approved by DOH and acceptable to the Purveyor. The assemblies shall be installed in accordance with the recommendations given in the most recently published edition of Cross-Connection Control Manual, Accepted Procedures and Practice, published by the Pacific Northwest Section, American Water Works Association, or latest edition thereof.

5. The Purveyor shall require the customer to bear all costs for the aforementioned installation, repair, maintenance, and replacement of the backflow prevention assembly installed to protect the Purveyor's distribution system.

6. The Purveyor shall require the customer to provide free access given reasonable notice for the Purveyor's employees or agents to conduct annual testing (and/or more frequently if requested by the Purveyor) of all backflow prevention assemblies that the Purveyor relies upon to protect the public water distribution system.

7. Where agreement for free access for the Purveyor's testing of backflow prevention assemblies is denied, the Purveyor shall require the customer to:

- a) Have all assemblies that the Purveyor relies upon to protect the public water distribution system tested in the following situations: • upon installation, • annually thereafter and/or more frequently if requested by the Purveyor, • after repair, • and after relocation;
- b) Have all testing done by a Purveyor-approved and currently DOH-certified backflow assembly tester (BAT);
- c) Have the assembly tested in accordance with DOH-approved test procedures;
- d) Submit to the Purveyor the results of the test(s) on Purveyor-supplied test report forms within the time period specified by the Purveyor; and
- e) Bear all costs of the aforementioned testing and reporting.

8. At the time of application for service, if required by the Purveyor, a new customer shall be required to submit to the Purveyor plumbing plans and to allow a cross-connection control survey of the premises conducted by the Purveyor's employee or agent. The purpose of the survey is to determine any health hazard posed by the customer's plumbing system on the Purveyor's distribution system.

9. Within 30 days of a request by the Purveyor, all customers shall be required to complete and submit to the Purveyor a "Water Use Questionnaire" for the purpose of surveying the health hazard posed by the customer's plumbing system on the Purveyor's distribution system. Further, the customer shall be required to allow within 30 days of a request by the Purveyor a cross-connection control survey of the premises by a DOH-certified cross-connection control specialist (CCS) provided by the Purveyor.

The Purveyor's survey of a customer's premises is for the sole purpose of establishing the Purveyor's minimum requirements for the protection of the public water supply system, commensurate with the Purveyor's assessment of the degree of hazard.

It shall not be assumed by the customer or any regulatory agency that the Purveyor's survey, requirements for the installation of backflow prevention assemblies, lack of requirements for the installation of backflow prevention

assemblies, or other actions by the Purveyor's personnel constitute an approval of the customer's plumbing system or an assurance to the customer of the absence of cross connections therein.

10. The customer shall be required to notify the Purveyor of all changes in water use, and alterations and additions to the plumbing system, and shall comply with any additional requirements imposed by the Purveyor for cross-connection control.

11. The Purveyor shall retain the right to discontinue the water supply within 72 hours of giving notice to the customer, or a lesser period of time if required to protect public health, if the customer fails to cooperate with the Purveyor in the survey of premises, in the installation, maintenance, repair, inspection, or testing of backflow prevention assemblies or air gaps required by the Purveyor, or in the Purveyor's effort to contain a contaminant or pollutant that is detected in the customer's system.

Without limiting the generality of the foregoing, in lieu of discontinuing water service, the Purveyor shall install a backflow prevention assembly on the service pipe to provide premises isolation, and recover all costs for the installation and subsequent maintenance and repair of the assembly, appurtenances, and enclosure from the customer as fees and charges for water. The failure of the customer to pay these fees and charges may result in collection action in accordance with the By-Laws of Treasure Island Country Club, Inc. (the Purveyor).

12. Where the Purveyor imposes mandatory premises isolation in compliance with DOH regulations, or agrees to the customer's voluntary premises isolation, the customer shall be expected to comply with the other cross-connection control regulations having jurisdiction (i.e., Washington State Uniform Plumbing Code). Although the Purveyor's requirements for installation, testing, and repair of backflow prevention assemblies may be limited to the assemblies used for premises isolation, the customer shall be required to comply with the other terms herein as a condition of allowing a direct connection to the Purveyor's service pipe.

13. The Purveyor shall not be liable for contamination of the customer's plumbing system or the Purveyor's distribution system that results from an unprotected or inadequately protected cross connection within the customer's premises. This indemnification shall pertain to all backflow conditions that may arise from the Purveyor's suspension of water supply or reduction of water pressure, recognizing that the air gap separation otherwise required would require the customer to provide adequate facilities to collect, store, and pump water for his/her premises.

14. In the event legal action is required and commenced between the Purveyor and the customer to enforce the terms and conditions herein, the substantially prevailing party shall be entitled to reimbursement of all incurred costs and expenses including, but not limited to, reasonable attorney's fees as determined by the Court.

15. The Purveyor shall retain the right, in keeping with changes to Washington State regulations, industry standards, or the Purveyor's risk management policies, to impose retroactive requirements for additional cross-connection control measures.

The Purveyor may record the customer's agreement to the above terms for service on an "Application for Water Service" (for new customers), "Application for Change of Water Service" (for existing customers), or other such form prepared by the Purveyor and signed by the customer. For customers without service agreements, the Purveyor may incorporate the written service agreement into the notice to the customer to test backflow prevention assemblies or submit a cross-connection hazard survey.

Implementation of the Cross-Connection Control Policy

The Purveyor shall engage the services of a DOH-certified CCS to develop, implement, and be in responsible charge of the Treasure Island Country Club Water System's cross-connection control program.

The Purveyor, under the direction of the aforementioned CCS, shall prepare a written cross-connection control program plan to implement the requirements of this resolution. The written program shall be consistent with this resolution and shall comply with the requirements of Chapter 246-290-490 WAC (Group A Public Water Systems).

The Purveyor shall use the most recently published editions of the following publications as references and technical aids:

- *Cross-Connection Control Manual, Accepted Procedures and Practice*, published by the Pacific Northwest Section, American Water Works Association, or latest edition thereof
- *Manual of Cross-Connection Control*, published by the Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California, or latest edition thereof

- *Cross-Connection Control Guidance Manual for Small Water Systems*, published by the DOH Office of Drinking Water

The Purveyor shall incorporate the written program plan into its Small Water System Management Program and shall submit the plan to DOH for approval when requested.

The Purveyor, in consultation with the aforementioned CCS, shall have the authority to make decisions related to cross connections in cases and situations not provided for in the resolution or written program.

If any provision in this resolution, or in the written cross-connection control program, is found to be less stringent than or inconsistent with Chapter 246-290 WAC (Group A Public Water Systems), or other Washington state statutes or rules, the more stringent state statute, rule, or regulation shall apply.

Reviewed and approved on motion by the Board of Trustees, Treasure Island Country Club, Inc., Grapeview, Washington, at a regular meeting thereof, held this 11th day of June, 2005.

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