

WOODINVILLE WATER DISTRICT  
KING COUNTY, WASHINGTON  
RESOLUTION NO. 3841

ORIGINAL

**A RESOLUTION of the Board of Commissioners establishing a cross connection control program; repealing Resolution No. 3320 and Chapter 4.40 of the Woodinville Water District Codes; and codifying the District's cross connection control program in a new Chapter 4.40 of the Woodinville Water District Codes.**

**WHEREAS**, the Woodinville Water District (the "District") provides water supply to residents and property located within its boundaries; and

**WHEREAS**, the District must comply with state and federal law and regulations, including regulations governing cross connections with the District's public water supply; and

**WHEREAS**, the State of Washington recently adopted revised regulations as set forth in WAC 246-290-490 governing cross connection control; now, therefore,

**BE IT RESOLVED** by the Board of Commissioners of the Woodinville Water District:

1. Cross Connection Control Policy: The District is required to protect the public water supply from possible contamination from backflow into the public drinking water system. To control backflow hazards the District requires premise isolation or in-premise isolation cross connection control protection and by installing an approved air gap or approved backflow prevention assemblies at or near the property line, easement or alternate location approved by the District's Cross Connection Control Specialist (CCS). The approved backflow prevention assembly shall be commensurate with the degree of hazard identified in WAC 246-290-490 (4) (a) (table 8) and must be approved by the CCS.
  - a. Backflow Testing Requirements: The property owner is required to have the backflow prevention assemblies that protect the public water system tested upon installation, annually thereafter or when requested by the CCS, after repair and after relocation at the owner's expense. A passing test is required. If the test fails the customer is responsible to have the assembly repaired and successfully re-tested. All testing shall be done by a State certified backflow assembly tester (BAT) and the results of the test shall be reported within 30 days to the District on a form approved by the District.
  - b. District Access: For cross connection control, customers agree to allow access for the District's employees and agents to all parts of the premise connected to the District water system during reasonable working hours and at all times during emergencies at no cost to the District.
  - c. Customers Plumbing System: The customer is responsible to install cross connection control assemblies and all additional plumbing upgrades that may be needed.
2. Cross Connection Control Specialist: The District shall employ a Cross Connection Control Specialist (CCS) who shall be certified as a CCS in compliance with State regulations and who shall be responsible for administering the District's cross connection control policy under the direction of the District Manager and in compliance with Department of Health regulations.

- a. The CCS shall eliminate cross connections by appropriate enforcement action as provided herein.
  - b. Whenever a cross connection cannot be eliminated, the CCS shall require premise isolation or in-premise cross connection control protection with the installation of an approved backflow prevention assembly at the owner's expense.
3. Service Connections: All cross connection control service connections that are not single family residential shall be considered commercial connections. The CCS shall oversee installation of cross connection control backflow prevention assemblies and their maintenance in accordance to the District's Cross-Connection Control Manual and Specifications.
- a. New Commercial Services: New commercial service connections shall be premise isolated from the public water system by an approved backflow prevention assembly installed directly behind the water meter at or near the property line, easement or alternate location approved by the CCS. Testing shall be done in accordance with District policy.
  - b. New Commercial Fire Systems: New fire system connections shall be premise isolated from the public water system by an approved backflow prevention assembly installed at or near the property line, easement or alternate location approved by the CCS. Testing shall be done in accordance with District policy.
  - c. Existing Commercial Services: Existing commercial water connections shall convert to premise isolation backflow protection with the installation of an approved backflow prevention assembly. The assembly installation shall be installed directly behind the water meter or near the property line, easement or alternate location approved by the CCS. The conversion will be required when a plumbing change is made or when required by the CCS. Test shall be done in accordance with District policy.
  - d. Existing Commercial Fire System: Existing commercial fire connections shall be isolated from the public water system by an approved backflow prevention assembly installed at or near the property line, easement or alternate location approved by the CCS. Fire system backflow protection shall be upgraded to current standards when a change in the fire system occurs or when required by the CCS. Testing shall be done in accordance with District policy.
  - e. Existing High Hazard Facilities: Premises and services identified by WAC 246-290-490 (4) (b) (table 9) as high hazard facilities shall be converted to premises isolation backflow protection immediately with the installation of an approved backflow prevention assembly installed directly behind the meter or alternate location approved

by the CCS. Connections between the meter and the first backflow prevention assembly are prohibited. Testing shall be done in accordance with District policy.

- f. Existing and New Residential Connections: An approved backflow prevention assembly shall be installed where there is a connection with a known backflow hazard that is commensurate to the degree of hazard and approved by the CCS. The installation will be behind the water meter at or near the property line, easement or alternate location approved by the CCS. Testing shall be done in accordance with District policy.

4. Cross Connection Control Enforcement. The CCS is responsible for cross control enforcement.

- a. Failure to Comply. The CCS shall take appropriate enforcement action against customers who fail to control cross connections as required by the District, or who fail to install, maintain, repair or test backflow devices as required by the District.
- b. Enforcement Action. The CCS may discontinue water service to a premise until compliance is achieved, with appropriate notice to the local administrative agency, or cause an appropriate backflow device to be installed at the expense of the customer.

5. CCS - Duties: The CCS shall administer the District's cross connection control program and, in addition to duties heretofore set forth, the CCS shall be responsible for:

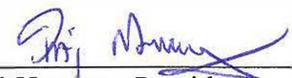
- a. Program: The CCS shall develop the District's cross connection control program incorporating good engineering and public health practices and policies stressing practical economics and finances, including the use of private contractors. The CCS may refer to the current *Manual of Cross Connection Control* (USC Manual) or the current *Cross-Connection Control Manual, Accepted Procedure and Practice* (PNWS-AWWA Manual), or such other current reference approved by the Department of Health when developing the cross connection control program.
- b. Records. The CCS shall develop and maintain the records required by WAC 246-290-490 (3) (j) & (8).
- c. Service Evaluation: The CCS shall develop and include in the Program procedures for initial evaluations of new and existing services. A schedule for re-evaluating services and backflow protection may be undertaken during testing and when changes have been made to existing services.
- d. Coordination and Reports. The CCS shall coordinate with the local administrative agency by providing notice of:

- (1) All premises that have been isolated from the public system in accordance with this Resolution.
  - (2) Any internal cross connections about which the CCS learns.
  - (3) Shut-off for failure to comply with requirements of this Resolution or the WAC.
  - (4) The CCS shall report to the ratepayers through the District's newsletter about the cross connection control program, its purpose and rationale.
- e. Approved Backflow Prevention Assemblies: The CCS shall develop and include in the Manual practices and procedures for installing and testing backflow devices in accordance with WAC 246-290-490 (5) (6) & (7).
6. Repealer: Resolution 3320 and Chapter 4.40 of the Woodinville Water District Code are repealed. This Resolution shall be codified as a new Chapter 4.40 when the existing code is revised.
7. Effective Date: The provisions of this Resolution shall be effective the date set forth below.

**ADOPTED** by the Board of Commissioners of the Woodinville Water District, King County, Washington, at a regular meeting thereof this 5<sup>th</sup> day of April, 2016.

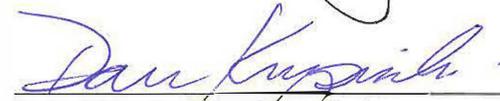
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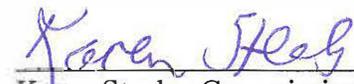
  
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Pamela J. Maloney - Secretary

  
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