

BROAD CREEK PUBLIC SERVICE DISTRICT

2005 CROSS CONNECTION CONTROL PROGRAM OVERVIEW

The Broad creek public Service District (the “District”) operates a cross connection control program (the “Program”) in accordance with South Carolina Primary Drinking water regulation 61-58.7(F). This Document is an overview of the District’s Cross Connection Program. For more detailed information, please consult the Broad Creek Public Service District Cross Connection Control Program Regulations dated December 2, 2005.

A. General

The District shall maintain records of (i) the location and installation date of all existing backflow prevention assemblies; (ii) type and size of each assembly and (iii) annual test results. The District shall install specified assemblies in conjunction with initiating all new service connections served by a meter less than one-inch. For meters one inch and larger, a South Carolina Department of Health and Environmental Control (“SCDHEC”) approved testable device shall be required and installed at the customer’s expense.

B. Low Hazard Cross Connections

All low hazard cross connections with meters less than one inch shall be protected by an approved Residential Dual Check Valve Assembly. All assemblies shall be replaced concurrent with the replacement of residential water meters. Water meters and Dual Check Valve Assemblies shall be ten (10) years.

C. Single Family Residential Lawn Irrigation Systems

All low Hazard single family residential lawn irrigation systems shall be protected by an approved Dual Check Valve Assembly. The minimum change out frequency for these assemblies shall be ten (10) years.

D. High Hazard Residential Lawn Irrigation Systems

Any residential lawn irrigation system that includes chemical addition or is connected to another water source which is not an approved public water system shall be protected by an approved Reduced Pressure Principle Assembly. This Reduced Pressure Principle Assembly Shall be tested annually as required by SCDHEC regulation.

E. Commercial and Common Area Irrigation Systems

All Commercial and common area irrigation systems shall require a testable backflow device regardless of meter size.

F. Residential Fire Sprinkler Systems

Residential fire line sprinkler systems shall be protected by an approved Double Check Valve Assembly or other SCDHEC approved back flow prevention assembly.

G. High Hazard Cross Connections

All high hazard cross connections shall be protected by a SCDHEC approved backflow prevention Assembly.

The district shall notify the property owner when inspections are due and shall maintain records to verify that the test has been completed by a certified tester, necessary repairs have been completed and the assembly operates according to specifications.

H. Annual Inspections and Repair

The District shall notify a property owner when inspections are due and shall maintain records to verify that the test has been performed by a certified tester, necessary repairs have been completed and the assembly operates according to specifications.

The District shall maintain a list of independent certified testers. The list shall be posted on the District's web page and copies shall be provided to customers upon request.

If property owner fails to have the annual inspection performed or the necessary repairs completed, then, after adequate proper notification, the District shall assure that such inspections and/or repairs are completed. The district shall be authorized to inspect such backflow prevention devices and charge property owner a \$35.00 inspection fee. The District shall also be authorized to engage a certified tester to perform any necessary work, and the property owner shall then be billed for actual costs incurred.

I. Transition Plan

This Program has been fully implemented. No existing customer is required to take any action to comply with the Program.

Customers who currently have both Dual Check and Double Check Valve Assemblies or other SCDHEC approved backflow prevention assemblies may elect to remove or leave in place the customer-owned assemblies. Removing the working parts of an assembly shall be considered to be a removal. This action shall be performed at the customer's expense.

Existing SCDHEC approved backflow protection Devices left in place which are protected by District-owned and maintained Dual Check Assemblies shall not be subject to annual inspections and repairs as specified in paragraph H.

J. Enhanced Protection Plan

Customers may at any time install SCDHEC approved backflow protection assemblies that exceed the requirements of this policy.

Customers may request the district to remove the district-owned Dual Check Valve Assemblies and install SCDHEC approved testable backflow prevention assemblies. The customer's assemblies shall then be subject to annual inspections and repairs as specified in paragraph H. this action shall be performed at the customer's expense.

K. Public Education

All customers shall be notified of the Districts Cross Connection Control Program annually. Customers shall be informed that they may remove or continue to maintain backflow control assemblies not required by the Program, and they shall be informed of the risks and benefits of removing the assemblies.

L. Policy Approval

This program shall be in full force and effect January 1, 2006. These regulations supersede and replace in entirety the Cross Connection Control Program June 2001. Passed and adopted by the Commission of the Broad Creek Public Service District of Beaufort County, South Carolina on December 2, 2005.