

As of June 13, 2000 SCDHEC categorized lawn irrigation sprinkler systems as low hazard or non health hazard cross connection, unless chemicals or an unapproved auxiliary water supply is tied to the system.

For a simple underground lawn irrigation sprinkler system, several backflow prevention devices are acceptable: double check valve assembly, pressure vacuum breaker, or the atmospheric vacuum breaker. If chemical concentrates are aspirated or injected into the lawn irrigation sprinkler system, the only acceptable protective devices will be reduced to pressure principle backflow preventer or an approved air gap separation. If a well or other alternate water source is tied into the irrigation system, there must be an air gap separation between the irrigation system and the house service line. **THE RESIDENTIAL DUAL CHECK WILL NO LONGER BE ACCEPTABLE FOR BACKFLOW PROTECTION ON ANY NEW LAWN IRRIGATION SPRINKLER SYSTEMS.**

Per the SC DHEC State Primary Water Regulations R.61-58.7 lawn irrigation sprinkler systems installed prior to June 13, 2000 will not be subject to these requirements.

Any RESIDENTIAL irrigation sprinkler system installed AFTER June 13, 2000 must have a testable device that is tested bi-annually. COMMERCIAL systems will remain on the annual testing schedule. After testing the device, a copy of the results must be faxed to the City of Aiken Backflow Prevention Officer, Danny Breaker at 803/642-7717.



City of Aiken

P.O. Box 1177
Aiken SC 29802
Phone 803/642-7610 * Fax
803/642-7717



BACK FLOW DEVICE TEST REPORT FORM

Date: _____ Account Name/Business Name: _____

Contact Name: _____ Contact Phone No.: _____

Account Address: _____

Account Number: _____ Meter Number: _____

Device Name: _____ Model Number: _____

Serial Number: _____ Size: _____

Device Location: _____

Tested by(PRINT): _____ Exist. Device _____ New Device _____

	Check No. 1		Check No. 2		Air-Inlet Valve or Relief Valve	#1 Gate or Ball (Circle One)	#2 Gate or Ball (Circle One)
Test Before Repairs	(Mark One) Leaked _____ Closed _____ Tight _____		(Mark One) Leaked _____ Closed _____ Tight _____		Opened at _____lbs Differential Pressure	(Mark One) Leaked _____ Closed _____ Tight _____	(Mark One) Leaked _____ Closed _____ Tight _____
	Diff Press		Diff Press				
Repairs and New Materials							
Test After Repairs	(Mark One) Leaked _____ Closed _____ Tight _____		(Mark One) Leaked _____ Closed _____ Tight _____		Opened at _____lbs Differential Pressure	(Mark One) Leaked _____ Closed _____ Tight _____	(Mark One) Leaked _____ Closed _____ Tight _____
	Diff Press		Diff Press				

Above data certified to be correct:

Tester Signature _____ Certification Number _____

Company Name _____ Company Telephone No. _____

Category: _____ General _____ Limited _____ Inspector Tested

Method of Testing _____ Test Kit Used _____

Comments _____
