

Lawn Irrigation:

State law: § 143-355.4.

(Effective July 1, 2009)

Water system efficiency.

(a) Local government water systems and large community water systems shall require separate meters for new in-ground irrigation systems that are connected to their systems.

New in-ground irrigation systems must be equipped with an above ground reduced pressure principle assembly backflow preventer

All backflow preventers shall be tested annually

Starting July 1, 2009 inspections of the BFP are required on all **new** systems

Do you know what Backflow is?

Water can flow both ways in a pipe. Under normal conditions water flows through the main lines, through the meter, then into the customers private system. When the pressure drops on the main line from a leak or hydrant being pulled too hard etc. the main line pressure can drop and the water will take the path of least resistance flowing from the private system back into the water system.



Swimming Pools

- Swimming pools are considered hazardous to the water system.
- Please maintain an air gap while filling a swimming pool with a garden hose.



In order to camouflage your Backflow preventer:

- You can have the tap installed on the corner of your property instead of the middle of the yard.
- A bush or shrub may be planted between the road and the backflow preventer (leave plenty of access to the meter and BFP 3' minimum).
- Advances in enclosures in the past few years have made them more attractive.

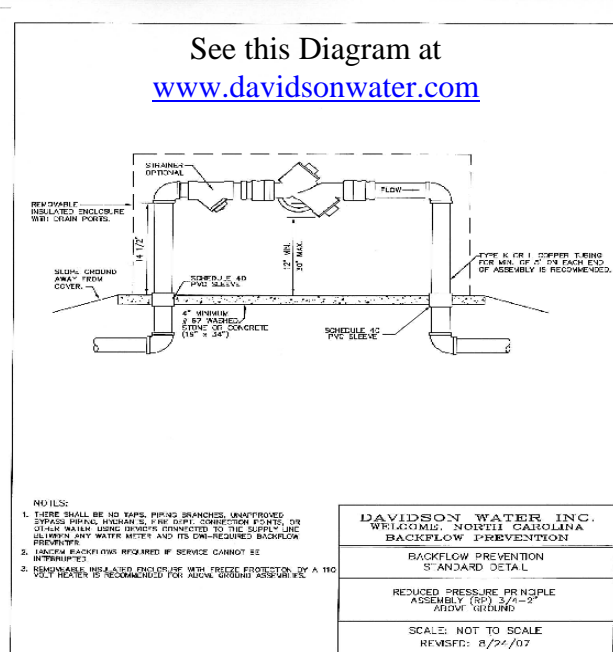


Well Connections

State regulations (Division of Environmental Health) **Do Not** allow a cross-connection between the potable (drinking) water and a private well. A valve that can be turned off is not considered a separation; a physical break in the piping is required.

You may visit our website at:

www.davidsonwater.com



Certified Testers

Davidson Water, Inc. has made a list of testers available on our website. All testers must:

- Attend an approved tester school
- Have a calibrated test kit
- Fill out the tester form, including certificate information and test kit information.
- Mail or fax the form to:
Cross Connection Control Coordinator
Davidson Water, Inc.
P.O. Box 969
Welcome N.C. 27374-0969
Fax: (336-731-3195)

Annual Testing:

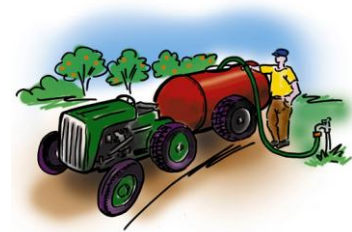
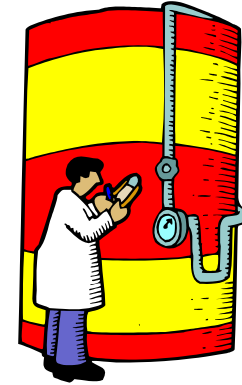
Davidson Water, Inc. requires annual testing of all backflow preventers required by our cross-connection control policy. You must choose a tester from our list provided at www.davidsonwater.com. The tester will record the test on a form (also available from the site) and mail or fax the completed form to our office. Our staff will enter the information into a database for tracking purposes.



Frequently asked questions...???

1. Do I have to get my Backflow preventer tested if I don't use my irrigation system very often?
 - a. Yes, if there is a connection to an irrigation system it must be maintained annually.
2. Who is certified to test my Backflow Preventer?
 - a. There are several testers approved by Davidson Water, Inc. you may visit our website for a complete list.
3. Where can I get more information on Backflow Prevention
 - a. The EPA has a lot of good information on their website at <http://www.epa.gov/safewater/crossconnection.html>
 - b. The Davidson Water, Inc. website cross-connection section has informative facts as well as links to other websites.
4. Does Davidson Water, Inc. require a copy of the yearly test on my Backflow Preventer?
 - a. Yes, your tester should mail or fax a copy of the test report form located on our website to the Cross-Connection Control Coordinator.
 - b. The forms are entered into a database for tracking purposes.
5. What if I want to stop using my irrigation system to avoid the charges of testing and maintaining the Backflow Preventer?
 - a. A physical break must be present between the water system and the irrigation system.
 - b. A Davidson Water, Inc. representative will inspect the separation.
6. How do I report non compliance from a Davidson Water, Inc. customer?
 - a. Contact the Cross-Connection Control Coordinator at ddraughn@davidsonwater.com or by phone at (336)-731-5556

Davidson Water, Inc. Backflow Prevention Cross-Connection Control



Davidson Water, Inc.
7040 Old Highway 52
Lexington, NC 27295
(336)731-2341
(336)764-2534 (336)475-8229
Mailing Address:
PO Box 969
Welcome, NC 27374