

## BACKFLOW PREVENTION FOR IRRIGATION SYSTEMS

The Manchester Water and Sewer Department must adhere to the State of Connecticut Dept. of Public Health Regulations concerning Cross Connections. Lawn irrigation systems fall under these regulations.

Manchester Water and Sewer Department has a full time Cross Connection Inspector on staff. Their job is to inspect facilities in town, test backflow prevention devices, and submit an annual report to the State of Connecticut Department of Public Health annually.

The two main devices used for irrigation systems are a Reduced Pressure Principle Backflow Preventer (RPD), and a Pressure Vacuum Breaker (PVB). The State of Connecticut Cross Connection Regulations in Section 19-13-B38a under installation and maintenance (f), (6), (7) are below to help explain more about the code.

### Section 19-13-B38a

(f) Installation and Maintenance. The devices required by section 19-13-B38a of the Regulations of Connecticut State Agencies shall be purchased, owned, installed, and maintained by the owner in compliance with the following conditions:

(6) The owner shall notify the public water system prior to the installation of any RPD, DCVA, or Pressure Vacuum Breaker required by section 19-13-B38a of the Regulations of Connecticut State Agencies. Immediately after installation of such devices, the owner shall arrange for the public water system to have each device tested by a person who has met the requirements of section 25-32-11(e) of the Regulations of Connecticut State Agencies.

(7) The public water system shall have each RPD, DCVA, and Pressure Vacuum Breaker tested annually and shall maintain records of the test. Any malfunctioning device shall be promptly restored to proper operating condition by the owner. A summary of the results shall be forwarded to the Department of Public Health as part of the annual cross connection survey report. All tests must be performed by a person who has met the requirements of section 25-32-11(e) of the Regulations of Connecticut State Agencies.

If you have any questions concerning these regulations or what device is best suited for your system please call the Manchester Water and Sewer Department Cross Connection Inspector at (860) 647-3118.