

## Notice for District Customers Who Have or Plan to Install a Lawn Irrigation System

Installation of a lawn irrigation system is required to have a backflow assembly installed per Rhode Island General Laws Title 46 Chapter 46-13 Public Drinking Water Protection. The backflow device must be approved by the Portsmouth Water & Fire District prior to installation and inspection.

Contact: Mike Hebert, Cross Connection Control Manager, for more information at 401 683-2090 ext.228

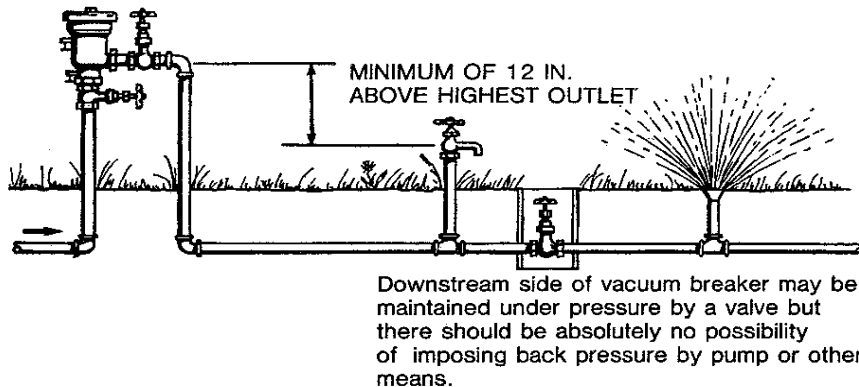
### Typical Installation of a Pressure Vacuum Breaker on a Lawn Irrigation System...

The Pressure Vacuum Breaker is designed for areas where back-siphonage could occur and there is continuous operating pressure. Do not install in areas subject to back pressure or with a chemical injection system.



The Pressure Vacuum Breaker Assembly must be at least (12) inches above the highest outlet/sprinkler head with no draw off/hose bib connection on the inlet side of the assembly and is required to be tested annually.

Approved Installation of Pressure Vacuum Breaker



**Note A: All Customers** require a Residential Dual Check Valve installed after the water meter. For customers with a lawn irrigation system, a Pressure Vacuum Breaker must be installed.

**Note B: All lawn irrigation systems injecting chemicals, are pressurized, or where it does not meet the 12" minimum separation of elevation** must install a Reduced Pressure Zone Backflow Assembly (RPZ).

**Note C: Customers with a pool utilizing an Auto Chemical Feed and/or Auto Fill** will require the installation of a Reduced Pressure Zone Backflow Assembly (RPZ) at point of use.

**Note D: All Customers (New or Existing) that have a well located on the property** for any purpose, even for lawn irrigation, shall require the installation of a Reduced Pressure Backflow Assembly (RPZ) and is to be installed immediately after the water meter.