



Re: Irrigation Installation Requirements

Silver Lake Water and Sewer District (District) is responsible for providing safe drinking water to all its customers. To ensure drinking water quality, the District monitors backflow protection on all known health hazards to meet State WAC 246-290-490. The District strives to make it easy for its customers to keep their drinking water safe, while meeting State requirements by allowing three options for backflow protection on a hard-plumbed irrigation system. The three options are a Backflow Prevention Assembly, Atmospheric Vacuum Breaker, or Physical Separation.

All residential and commercial irrigation systems installed in the District's service area, must meet the State and the District's minimum requirements for protection of the Public Water System. Incorrect installation and lack of maintenance could pose a contamination risk, not only to the public water system, but a direct risk to your home's drinking water. Such risks include taste and odor issues, chemical and biological contamination, and/or air in the water lines. To learn more on proper irrigation installation please refer to the enclosed brochure for Residential Backflow Prevention.

There are a few things to consider when installing a system yourself, or having it done by a landscape irrigation company:

- All Backflow Protection shall be installed, inspected, and tested in accordance with the District's most recent Cross-Connection Control Standards. Please refer to the enclosed detailed drawing (VI-W18).
- All new systems **must** be inspected by District personnel upon installation.
- Once District personnel has approved an installation, Backflow Prevention Assemblies must be tested by a Certified Backflow Assembly Tester (BAT).
- The BAT shall submit their current Certification Card and Test Kit Calibration Report to the District before acceptance of the test report. A courtesy list of BATs may be found on the District's website.

We hope you will pass this information on to your installer. If you have any questions, please feel free to contact us. We will be glad to assist you with any details you need.

Sincerely,

Water Quality  
Silver Lake Water & Sewer District  
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