

# Bear Mountain Water District

## Residential Irrigation Installation Instruction Check List

The following is a checklist to help you with requirements when installing an irrigation sprinkler system.

### What type of water source will be used for the irrigation sprinkler system?

1.  Irrigation Ditch, River, Lake or Spring Water
  - a.  This landscape sprinkler system will ONLY use irrigation ditch, river, lake or spring water. Landscape sprinkler systems that use irrigation ditch, river, and lake or spring water as the only water source are not required to install a Backflow Assembly. STOP HERE. NO FURTHER ACTION IS NECESSARY.
2.  Domestic Water Only
  - a.  This landscape sprinkler system will ONLY use domestic water and no chemical injector that is plumbed into the sprinkler system. Landscape sprinkler systems that use domestic water as the only water source and no chemical injector require the installation of a Double Check Valve Assembly (DCVA).
3.  Combination System: Irrigation Ditch, River, Lake or Spring Water with Domestic Water
  - a.  This landscape sprinkler system will use a combination of domestic water and irrigation ditch, river, lake or spring water and/or chemical injector that is plumbed into the irrigation system. Landscape sprinkler systems that use a chemical injector (fertilizers, insecticide, or pesticides) for landscaping application, or a combination of water sources for early spring, late fall, or during the normal growing season require the installation of a Reduced Pressure Backflow Assembly (RPBA).
4.  Irrigation permit has been completed and submitted to water district and/or city.
5.  A proper landscape isolation valve is required to be installed that meets all requirements (Drain rock, 6" air separation, fabric barrier, 6" pipe around the isolation valve, etc.).  
Has a proper irrigation isolation valve been installed?  Yes  No
6.  If you selected #3 or #4 above, you are required to install a backflow assembly.  
Has the proper assembly been installed?  Yes  No
7.  Downstream blow-off point for winterizing irrigation system is installed and is located after the backflow assembly.
8.  Contact water purveyor to ensure a proper installation.  
(Chelan Co. PUD performs initial test @ inspection)
9.  The water purveyor or BAT has notified or supplied you with a backflow assembly test report. Please provide a copy to the customer.