



Health Risk Warning!

All outdoor sprinkling systems connected to the city culinary water supply should have a properly installed backflow protection assembly. Sprinkling systems that have the ability to use two water sources are referred to as dual irrigation systems. An improper connection using two water sources can result in a serious health risk. Pressurized irrigation water is typically untreated and not fit for human consumption. Microscopic parasites such as giardia, cryptosporidium, and other waterborne diseases are very common in untreated irrigation water sources and pose a serious health risk to the water user, his or her family and everyone else in the area.

Sprinkling systems that utilize dual systems do so with the misconception that the two water sources can be piped together with only a gate valve or ball valve separating the two. This is definitely not the case!

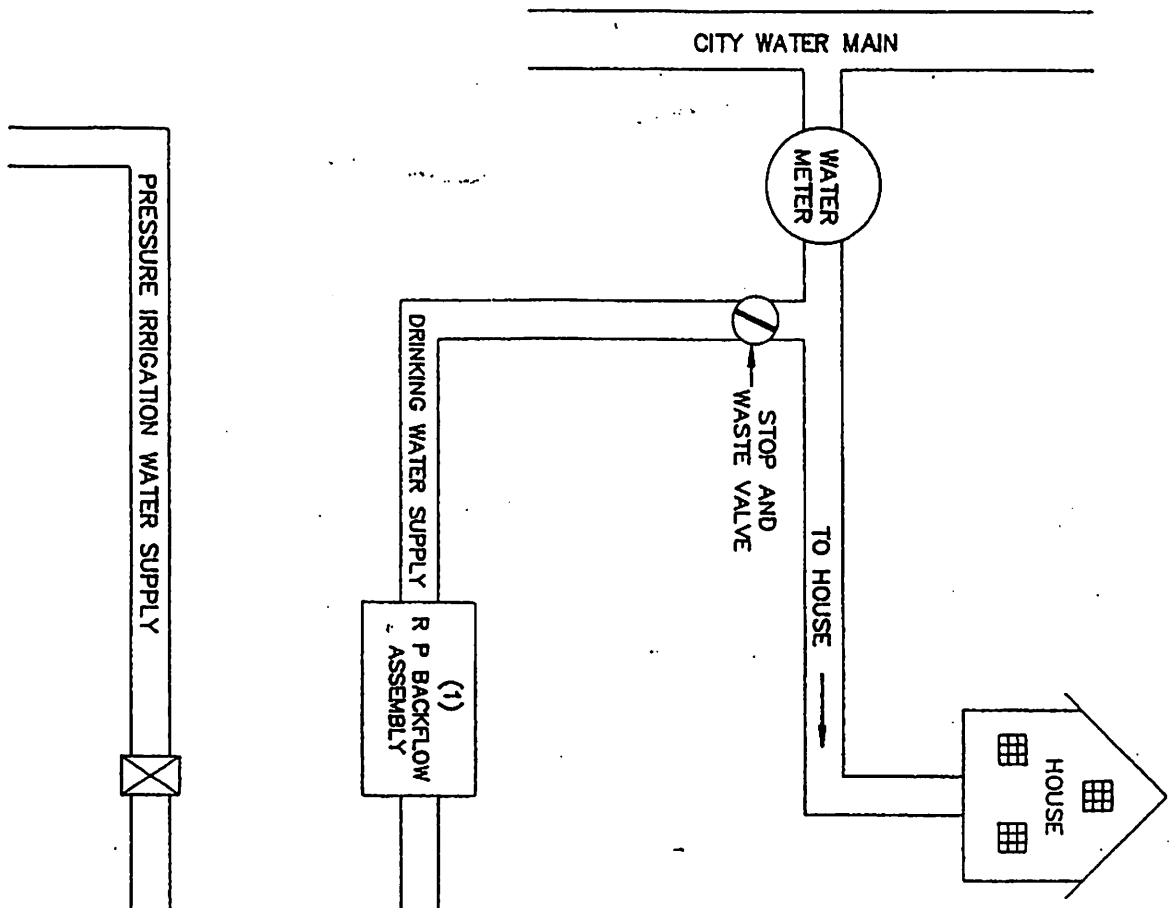
The two sources must be physically separated at all times. The Utah Division of Drinking Water has approved methods for the use of dual water sources. A "swing connection" must be properly installed into the system so that only one water source is connected to the sprinkling system at any given time. In addition an approved Reduced Pressure Zone ("RP or RPZ") backflow prevention assembly must be installed on the public drinking source upstream of the point of connection to the sprinkling system.

Please make sure that your system is properly installed using approved guidelines. This will ensure the health and safety of you and your family as well as those around you. State and Local regulations require that the backflow assembly be tested annually by a state certified backflow technician and determine whether or not your backflow assembly meets the requirements.

A current list of certified technician can be found at:
<https://waterlink.utah.gov/deqWater/public/publicBackflowComm.html>

To view Mendon City's Cross Connection Policy please go to:
https://mendon.municipalcodeonline.com/book?type=ordinances#name=7.06.040_Water_System_Safety

For more information, please refer to the website above or contact:
[Kirk D. Taylor Public Works Director/Water Operator @ 435-770-6138.](mailto:Kirk.D.Taylor@mendoncity.com)



(1) REDUCED PRESSURE ZONE BACKFLOW ASSEMBLY
 (FEBCO 825Y, WATTS 909 OR EQUIVALENT)

- A. 12" ABOVE GROUND
- B. HORIZONTAL INSTALLATION
- C. CANNOT BE INSTALLED IN A PIT
- D. TESTED WITHIN TEN DAYS OF USE AND ANNUALLY THEREAFTER

(2) SWING JOINT CONNECTION

- A. FLEXIBLE HOSE
- B. TWO QUICK CONNECT COUPLINGS

(2)
 SWING JOINT CONNECTION