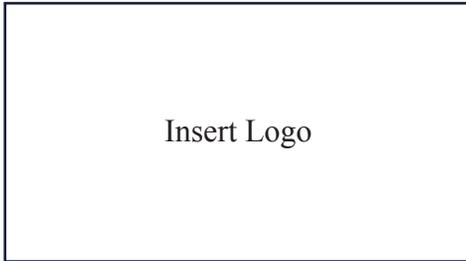


For more information contact:



# Safeguard Your Drinking Water

**Water System/City Name**

Physical Address

City, State, Zip

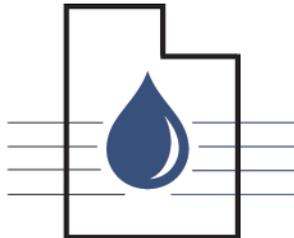
O: (555) 555-5555 | F: (555) 555-5555

Email@city.com

www.website.com



Or Contact:



**ABPA** Utah Chapter

Utah American Backflow Prevention Association

[www.utabpa.org](http://www.utabpa.org)

[utabpa@gmail.com](mailto:utabpa@gmail.com)

## *Backflow Prevention*

# WHAT IS BACKFLOW

Water systems provide safe, clean water to the customers who in turn maintain their home and sprinkler system plumbing systems in compliance with state and local ordinances, plumbing codes and policies.

Backflow incidents can seriously affect the quality and safety of the drinking water. Backflow is the reverse flow of contaminated water or other substances back into the drinking water. This can occur if your plumbing system is physically connected (also called a cross-connection) to any source of contamination or pollution.

A few of the most common examples of possible cross-connections in your home could include:

- Landscape sprinkling system
- Hose attachments for sinks
- Garden hoses

Backflow prevention assemblies provide the your home and the public drinking water system with protection against contamination or pollution.

# HOW TO PROTECT THE WATER

## SPRINKLER IRRIGATION SYSTEMS

Every sprinkler irrigation system (new or existing) that utilizes drinking water is required to have a **backflow preventer**. The type of backflow preventer required depends on the level of hazard. For example, a sprinkler system that has a built in fertilizing system, or that is able to switch between drinking water and a secondary water source is considered high hazard. It can cause serious illness.

***Before installing a backflow preventer contact your local water company to make sure it meets their local requirements and is the right level of protection for your system.***

All sprinkler irrigation systems that are designed to use both secondary water and drinking water sources are required to have a **swing joint connection**. The swing joint connection makes it impossible for the drinking water and secondary water to be connected at the same time. Both the secondary and drinking water feeds meet in one box before they connect into the sprinkler system.



*RP Backflow Preventer*



*Swing Joint Connection*

## HOSE CONNECTIONS



Hose connections account for almost 80% of documented water contamination incidents. Including pesticide poisonings, and goldfish in bathtubs. This can be easily avoided with the installation of a small backflow prevention device called a **hose bib vacuum breaker**. Hosebib vacuum breakers attach easily to faucets and can be found at most hardware or home-improvement stores. Look for a freeze resistant option for colder climates

