



### SWING JOINT CONNECTION

All sprinkler irrigation systems that are designed to use both the secondary and culinary water require a swing joint connection. The swing joint connection makes it impossible for the culinary and secondary water to be connected at the same time. Both the secondary and culinary water feeds meet in one box before they connect into the sprinkler system. A detailed drawing is available on the City's website.

### REDUCED PRESSURE BACKFLOW ASSEMBLY (RP)

Every sprinkler irrigation system that utilizes culinary (drinking) water is required to install an RP. RP's must be installed a minimum of 12" above ground. The assembly must be tested after installation and annually to ensure proper function. Please contact the water division for assistance locating a backflow technician.



## SPRINKLER SYSTEM BACKFLOW INSPECTION NOTICE

The city's water division routinely performs inspections of every residential sprinkler irrigation system to determine compliance with the state and city codes. The following results indicate your level of compliance and any corrective measures that require your immediate attention.

### PASSED

- System meets all city requirements and is compliant with the state plumbing code and the city municipal code.

### FAILED

- Culinary & secondary water connections have been made. A "Swing Joint" and RP backflow preventer must be installed.
- Culinary water is not in use. The culinary connection must be removed. Contact the city for an inspection before covering the disconnection.
- An RP backflow preventer needs to be installed.
- A "Swing Joint" needs to be installed to properly connect the culinary and secondary water to the sprinkler irrigation system.
- The existing backflow preventer needs to be replaced with an RP.
- \_\_\_\_\_

\*\*The state plumbing code requires RP backflow preventers to be tested after installation and annually thereafter. Please contact the water division or see the website for more information.

Inspected: \_\_\_\_\_ Inspector: \_\_\_\_\_

Repairs must be completed by: \_\_\_\_\_

South Jordan City Backflow Program  
10996 S Redwood Road  
South Jordan, UT 84095

(801) 253-5230 - Office (801) 253-0617 - Fax

# BACKFLOW PREVENTION



## Safeguard Your Water



# BACKFLOW PREVENTION PROGRAM

South Jordan City is dedicated to providing safe, clean drinking water. Maintaining a Backflow Prevention Program is an essential key to accomplishing this goal.

The city and residents share a joint responsibility to ensure all areas of the water distribution system are adequately protected. The city provides safe, clean water to the residents who in turn maintain their plumbing systems in compliance with state and local ordinances, 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.

Common examples of possible cross-connections include: landscape sprinkling systems, hose attachments for utility sinks, and garden hoses. Backflow prevention assemblies provide the public water system and your home with protection against contamination or pollution.

The city's water division is performing routine inspections of every residential sprinkler irrigation system to determine compliance with the state's plumbing code and city municipal code. A report, located on the back of this pamphlet, will be left with the homeowner detailing the level of compliance and any corrective measures that need to be taken. These hazard assessment inspections will be conducted routinely as part of the Backflow Prevention Program.

## SPRINKLER IRRIGATION SYSTEM BACKFLOW REQUIREMENTS

Review the following information to determine your system type and backflow prevention requirements. In addition, all hose outlets should be protected with self-draining hose bib vacuum breakers.

### CULINARY (DRINKING) WATER CONNECTION ONLY

**DESCRIPTION:** A connection exists between the sprinkler system and culinary water **only**. Secondary water is **not** connected to the sprinkler irrigation system.

**BACKFLOW PREVENTION REQUIREMENTS:** A Reduced Pressure Backflow Assembly (RP) must be installed after the main valve on the sprinkler system and before any zone valves.

### SECONDARY (CANAL) WATER CONNECTION ONLY

**DESCRIPTION:** A connection exists between the sprinkler system and secondary water **only**. The culinary water is **not** connected to the sprinkler irrigation system.

**BACKFLOW PREVENTION REQUIREMENTS:** No backflow preventer is required after an inspection, verifying the removal of the culinary connection, is conducted by a city inspector.

### CULINARY AND SECONDARY WATER CONNECTION

**DESCRIPTION:** Connections exist between the sprinkler system and the culinary and secondary water. The system is set up to receive water from both sources depending on secondary water availability and can at no time be connected to both.

**BACKFLOW PREVENTION REQUIREMENTS:** An RP Backflow Assembly and Swing Joint connection are required. *No exceptions!*

*For inspections please contact the Water Division at (801)-253-5230.*