

## Backflow Prevention Assemblies & Devices\*



### REDUCED PRESSURE

This proven method is effective for most applications as it safeguards against both backpressure and backsiphonage.

### DOUBLE CHECK



Protects against backsiphonage and backpressure, but only with low-hazard conditions - not approved for landscape use.



### HOSE BIBB VACUUM BREAKER

Inexpensive, easy-to-install backflow preventer that attaches to your hose bibb.

### PRESSURE VACUUM BREAKER



Commonly used for janitorial chemical dispensers and food service applications.



### AIR GAP

The ultimate backflow protection is the use of an "Air Gap," where there is a gap between the water supply and the receptacle.

\*Not an exhaustive list

Draper City is dedicated to providing all of its customers with safe, clean drinking water. Maintaining a backflow prevention program, to prevent contamination of culinary water, is an essential component to accomplishing this goal.

## Commercial Water Users

Commercial businesses often have several cross connections that need backflow prevention devices or assemblies. All assemblies must be tested annually pursuant to State and City code.

To report a backflow incident or suspected incident please call  
385.557.2781



More Information

Email: [backflow@draperutah.gov](mailto:backflow@draperutah.gov)

*Call or email us if you have any questions about your business or home compliance requirements, or if you would like to schedule a cross connection assessment survey.*



## Residential and Business Cross Connection Control Program

Understanding Backflow &  
Cross Connections:  
Protection for Your Water Supply

Cross Connection  
Control Coordinator  
385.557.2781

## Did you know?

Common hazards in and around your home and business have the potential to contaminate your water supply and the city water system.

### *Ways to keep your water safe*



#### **ALWAYS**

Keep the end of the hose clear of possible contaminants.



#### **DO**

Buy and install inexpensive backflow prevention for all hose bibbs around your property.



#### **DON'T**

Use spray attachments on your hose without a backflow prevention device in place.



#### **NEVER**

Submerge hoses in buckets, pools, tubs, or sinks.



## What is backflow?

Backflow is simply the reverse flow of contaminated water or other substances from a consumer's water system back into the public drinking water system. The two causes of backflow are backpressure and backsiphonage.

### **BACKPRESSURE**

Backpressure occurs when your water pressure becomes higher than the pressure from the city.

This can cause contaminated water, liquids, or gases to be pushed backward into the clean water supply.



Common causes include pressurized irrigation systems, boilers, booster pumps, and industrial processes.

### **BACKSIPHONAGE**

Backsiphonage happens when system pressure drops, pulling water from a contaminated source into the clean water supply.

This decrease in pressure can be caused by broken water lines, firefighting activities, or fire hydrant flushing.



For example, when a garden hose is left in a pool or a container of chemicals, it creates a suction effect when system pressure drops. This suction can pull contaminants into the drinking water supply.

## What is a Cross Connection?

A Cross Connection occurs when there is an actual or potential connection between the public drinking water system and another source or system.

These connections pose the risk of introducing contaminants such as used water, industrial fluids, gases, or substances other than the intended clean drinking water into the public water supply.

## COMMON CROSS CONNECTIONS

Private Wells, Swimming Pools, Hot Tubs & Garden Hoses

Home and Businesses using chemicals or medical equipment

Irrigation Systems

Fire Protection Systems

Medical Facilities

Chemical Dispensers

Soda Machine

Carbonators

Industrial Process Water