

# Protect Your Drinking Water

The purpose of the local Cross-Connection Control Program, as required by State Plumbing Code and Regulations, is to ensure that everyone in the community has safe, clean drinking water. To avoid contamination, backflow preventers are required by state plumbing codes wherever there is an actual or potential hazard for a cross-connection. The Wisconsin Department of Natural Resources requires all public water suppliers to maintain an on-going Cross-Connection Control Program involving public education, onsite inspections, and possible corrective actions by building owners if required.

## What is a Cross-Connection?

A cross-connection is an actual or potential connection between the safe drinking water (potable) supply and a source of contamination or pollution. State plumbing codes require approved backflow prevention methods to be installed at every point of potable water connection and use. Cross-Connections must be properly protected or eliminated.

## How does contamination occur?

When you turn on your faucet, you expect the water to be as safe as when it left the treatment plant. However, certain hydraulic conditions left unprotected within your plumbing system may allow hazardous substances to contaminate your own drinking water or even the public water supply.

Water normally flows in one direction. However, under certain conditions, water can actually flow backwards; this is known as Backflow. There are two situations that can cause water to flow backward: back siphonage and backpressure.

## Backsiphonage

May occur due to a loss of pressure in the municipal water system during a fire fighting emergency, a water main break or system repair. This creates a siphon in your plumbing system which can draw water out of a sink or bucket and back into your water or the public water system.

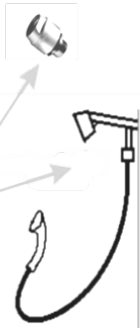
## Backpressure

May be created when a source of pressure (such as a boiler) creates a pressure greater than the pressure supplied from the public water system. This may cause contaminated water to be pushed into your plumbing system through an unprotected cross-connection.

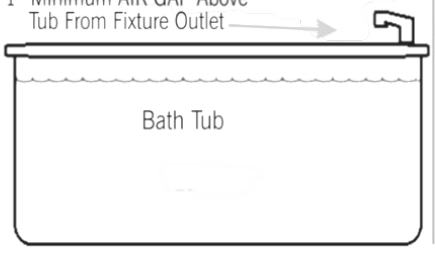
## In the Bathroom - Hand Held Shower Fixture

The hand held shower fixture is compliant if:

- When shower head is hanging freely, it is at least 1" above top of the flood level rim of the receptor (tub)
- Complies with **ASSE#1014**
- Has the **ASME code 112.18.1** stamped on the handle



1" Minimum AIR GAP Above Tub From Fixture Outlet

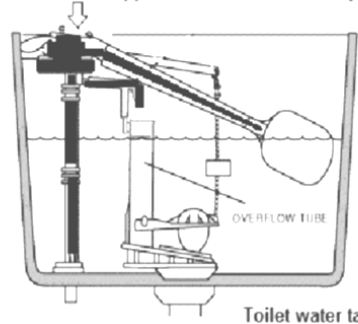


## In the Bathroom - Toilet Tanks

There are many unapproved toilet tank fill valve products sold at common retailers which do not meet the state plumbing code requirements for backflow prevention.

- Look for the **ASSE #1002** Standard symbol on the device and packaging
- Replace any unapproved devices with an **ASSE #1002** approved anti siphon ball-cock assembly. Average cost is typically \$12 to \$22 at home improvement stores
- Verify overflow tube is one inch below critical level (CL) marking on the device

### ASSE #1002 Approved Ball Cock Assembly



## Insights to protect your drinking water

### Do...

- Keep the ends of hoses clear of all possible contaminants.
- Make sure dishwashers are installed with a proper "air gap" device.
- Verify and install a simple hose bibb vacuum breaker on all threaded faucets around your home.
- Make sure water treatment devices such as water softeners have the proper "air gap", which is a minimum of one inch above any drain.

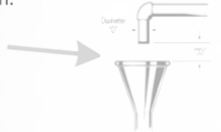
### Hose bibb Vacuum Breaker



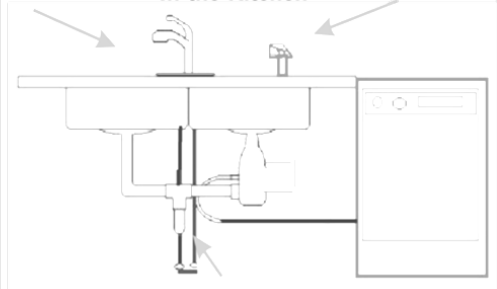
### Don't...

- Submerge hoses in buckets, pools, tubs, sinks or ponds.
- Use spray attachments without a backflow prevention device.
- Connect waste pipes from water softeners or other treatment systems directly to the sewer or submerged drain pipe. Always be sure there is a one inch "air gap" separation.

### Air Gap



## In the Kitchen



Hoses and water treatment devices may create a potential backflow hazard if not properly isolated with backflow prevention methods.

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Website: [www.saukcity.net](http://www.saukcity.net)

After Hours Utility Emergency, call (608) 963-8707

*Please protect our environment and our drinking water by disposing of your medications properly*



# FREE Medication Take Back Day

SATURDAY, OCTOBER 25, 2025 • 9 am-Noon

## **NEW LOCATION!**

Sauk Prairie Police Department  
640 13th St., Prairie du Sac



### FOLLOW INSTRUCTIONS BELOW

1. In zip-lock baggie, combine all pills (discard/recycle empty bottles), ointment/creams (discard boxes), powders. Keep liquids in original container.
2. In another bag, place any inhalers, injectable medications and sharps containers.
3. Sharps containers will be available upon request.

Note: Discard sunscreen, soaps, moisturizer, other cosmetics in regular trash.

sauk prairie  
HEALTHCARE foundation

Sponsored by the Drug Enforcement Administration and the SPH Foundation as part of its From the Heart series. Special thanks to the Sauk City and Prairie du Sac Utilities, Sauk Prairie Police Department and SPH volunteers.