

What's in it for you?

Cross Connection and Backflow Prevention are necessary for the protection of the water you and other Bellevue Residents and businesses use and consume.

By working together, we can make our water supply safer by installing or having installed for us, simple devices that will prevent impurities from entering our drinking water.

The Bellevue Utilities would like to thank you in advance for your assistance and cooperation and for helping make the water we use daily safe for everyone.



Protect our valuable resource for all to enjoy-for now and into the future.

Action to Take

- Read and understand this brochure
- Inspect all hose connections on your house for proper backflow protection (outside hose faucet and Laundry sink)
- Call a plumber with questions on backflow protection for boiler or plumbing fixtures and appliances.



Village of Bellevue
Water Utility
Cross Connection Control and Backflow Protection Inspection

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**Village of
Bellevue
Water Utility
Cross
Connection
Control and
Backflow
Protection
Inspection**



***Protect Your
Drinking Water***

Keeping Our Drinking Water Safe



It is the goal of the Bellevue utilities to eliminate all sources and possible sources of contamination from your drinking water system—**this should be your goal too.**

What will be required?

Bellevue water employees will begin surveying homes now in 2009. Please contact the Village Water Utility to set up an appointment so that we can come into your home or business to complete the survey.

The inspector will have to follow the water lines to where ever they run. Therefore, they may need access to the entire building. Inspections will take about 1/2 hour.

Once the survey is completed for your residence or business, you will be provided a survey report. If a cross connection exists, you will be promptly asked to have it removed. If the report identifies a location where the possibility for backflow exists, you will be required to purchase and install equipment designed to prevent back siphonage.

Newer homes should already have the required protection devices installed, however some older homes may require safety modifications. Common locations that may be identified in a survey might be outside hose bibs & laundry sinks—any threaded faucet.

Should your home or business require backflow prevention devices, a follow-up survey will be scheduled. The follow-up survey will be completed within two months of the initial survey and will be for the purpose of ensuring that all required backflow prevention devices are correctly installed.

What will it cost?



The component most people will be required to purchase is a backflow preventer for outside hose bibs. Most plumbing hardware stores will have these in stock for about \$6.00 each.

Types of Backflow

Backsiphonage creates a vacuum as water drains toward the community water system. Water or fluid can be siphoned or pulled into the utility main water line.

Example: a garden hose with one end immersed in a pail of soapy water or a hose immersed in a swimming pool.



What Causes Backflow?

Backflow can be caused by two different forces, backsiphonage and backpressure.

- **Backsiphonage** occurs when there is a sudden reduction in water pressure within the distribution system. This can occur when a water main breaks or when a car strikes a fire hydrant. The sudden pressure drop creates suction that can siphon water from your pipes, and anything connected to them, back into the distribution system.
- **Backpressure** can cause backflow when the water pressure inside a boiler or other equipment connected to a consumer's piping system becomes higher than the pressure in the distribution system. Some types of pressurized equipment contain soap, acid, anti-freeze, or other undesirable substances.

The Law

According to the Wisconsin Administrative Code NR811.09, Comm 82.41 and Village of Bellevue Code 11.05, Bellevue is required to protect the Bellevue water system from contaminants due to backflow through the water system connection.

To Schedule an appointment for the survey, please call the Bellevue Water Utility:

Monday thru Friday

7:30am—4:30pm

920-468-5225