

How Can I Help Prevent Cross Connection

The best way to help is to let the City Water Department have easy and courteous access to your plumbing system when they arrive to conduct the survey. Most surveys will take about 15 minutes, and the property owner will be given a copy of the results when the survey is completed. The most common correction that needs to be made is anti-siphon fittings added to unprotected outside hose connections. These fittings can be purchased at any hardware store and easily installed yourself.

Contact Chris Marx at the City Water Department for more information, or to answer any questions you may have about the program. tel. #: 849-9562



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Cross Connection and Backflow Prevention in the City of Chilton



What is a Cross Connection?

Why is controlling cross connection important?

How can I help?

Cross Connection Safety

What is a Cross Connection?

A Cross Connection is any physical connection or arrangement of piping or plumbing fixtures which may allow contaminants to come in contact with the drinking water supply. A cross connection could allow contaminated water, sewage, or chemical solutions to enter your water system through backflow or backsiphonage. Cross connections are one of the most serious public health threats to a drinking water supply and many times are present in a residential water system. Cross connections have resulted in numerous cases of illness and even death.



What is Backflow?

Backflow is caused by the pressure of a water connection being greater than the pressure of the supply system. This can cause water or contaminants to flow back into the supply system (ie city water mains). Boilers and pumps are two common fixtures which can create backflow.

What is Backsiphonage?

Backsiphonage is caused by a pressure difference between your home's plumbing and the supply mains. This can cause water or contaminants to be drawn through your home's plumbing and into the supply main (like a beverage through a straw). Negative pressure in the supply system can be caused by supply mains being closed or restricted for repairs, breaks in the supply mains, or large water demands such as firefighting.



The City of Chilton Cross Connection Control Program

The City of Chilton Water Department has implemented a cross connection control program in accordance with WI Administrative Code NR 810.15, which is designed to protect the public water supply to the last flowing tap or end use device of every water connection in the system. Water Department personnel will be conducting a free cross connection survey each time a residential water meter is replaced. Potential hazardous connections will need to be corrected to ensure the health and safety of all residents of Chilton.

