

MUNICIPAL SERVICES

CROSS-CONNECTION-CONTROL

Why Is This Important?

01 It Protects Public Health.

Normally, water in a home or building flows in one direction. Under certain conditions, water can actually flow backwards; this is known as backflow, which can introduce contaminants into the drinking water supply with dangerous – even lethal – consequences.

A backflow incident – originating from chemical tanks at an asphalt company – contaminates the entire water supply of a city of more than 320,000 residents. [Read More...](#)

A court awards \$927,000 in damages to a family whose water supply was cross-connected with a sewer line, when delinquent contractors installed their water softener. [Read More...](#)

Lack of backflow prevention assemblies and other negligent practices are responsible for the legionella deaths of twelve veteran's home residents. [Read More...](#)

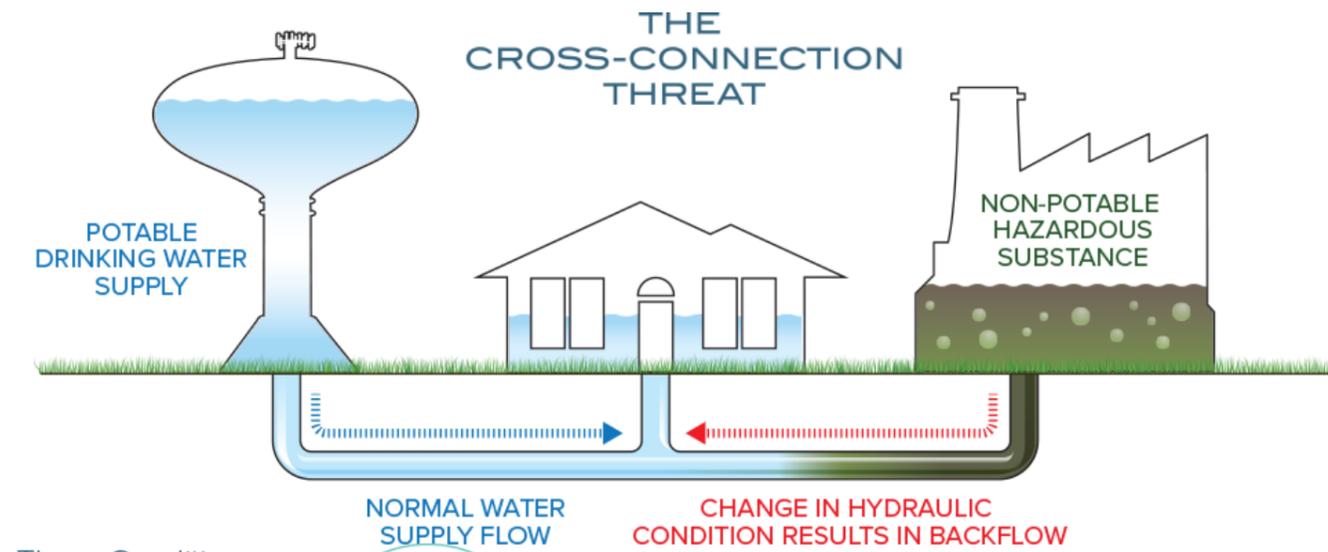
Cross-connections are the problem. A cross-connection is an actual or potential connection between a ☐safe drinking water supply and a source of contamination or pollution.

02 It's The Law.

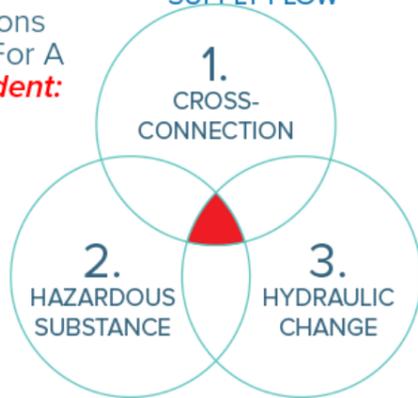
State and local regulations and plumbing code requires approved backflow prevention methods to be installed at every point of potable water connection and use. Fines, penalties and the loss of water service are all possible if non-compliant. Furthermore, if contamination occurs and an individual or a group of individuals or their property suffers damage due to a backflow incident, they may seek damages from the municipality and the entity that contributed to the contamination.

A cross-connection control program is not only critical from a public health perspective, but also in preventing significant exposure, litigation, and financial loss to anyone not in compliance with this important regulation. For more information on putting cross-connection control to work in your community contact HydroCorp today at **800.690.6651**.

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Three Conditions Are Required For A **Backflow Incident:**



Two Types of Backflow

Backsiphonage may occur due to a loss of pressure in the main water supply – a water main break, a fire fighting emergency, or system repair. This creates a siphon in the plumbing system which can draw water out of a sink, bucket or tank, and back into the potable water system.



Flow reverses *due to decrease or loss of supply line pressure*

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



Flow reverses *due to decrease or loss of supply line pressure*

[Click images to enlarge](#)

Markets Served

Services are available for municipalities, utilities and water providers in 21 states.

Featured Case Study

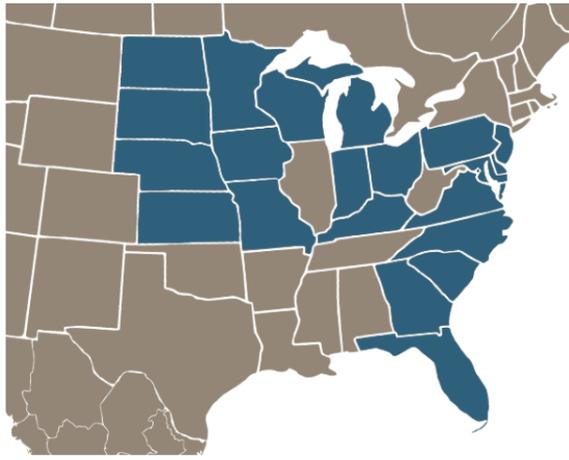
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Health Hazards. In a Hospital.

A nationwide hospital system had recently come under government scrutiny for a range of health and administrative missteps, garnering significant media coverage. The

Gallery

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management of one of their major patient-care sites – this one encompassing over 50 buildings – contacted HydroCorp to conduct a proactive evaluation of their entire water distribution system. Time was of the essence, and a team led by Glenn Adamus, HydroCorp’s Vice President of Operations, was dispatched to the site.



[Read More](#)

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INDUSTRIAL SERVICES

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MUNICIPAL SERVICES

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FEDERAL GOVERNMENT

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- Cross-Connection Control Program Management
- Potable Water Program Management
- Training Services

ABOUT US

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RESOURCES

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