

Why should I care?

It is everyone's responsibility to ensure our water is safe. Whether it is a customer washing their hands in your bathrooms, or your children playing with the hose at the back of your location, a water contamination can happen anywhere – and go anywhere – in the water distribution system. That includes your business. If you do not have the proper devices in place and your shop causes a water contamination incident, your location is the first to be affected and may not be the only place affected. Remember: what we all drink is connected.



Can I be held liable?

Hailey Ordinance 1140 states that any such cross connection now existing is declared a nuisance and shall be removed or abated upon order of the city.

If a cross connection incident occurs due to an improper plumbing connection, and causes a public health hazard, the responsible property owners and occupants may be held liable for damages.

Who should I contact?

If you want to know more information or if you have any questions, concerns or comments please feel free to call us or visit us online.

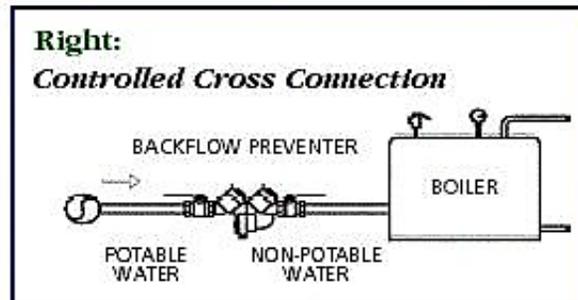
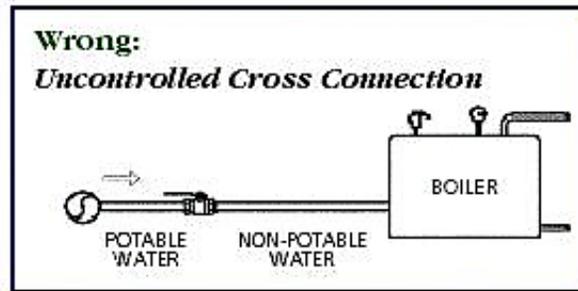
City of Hailey Water Dept.

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City of Hailey Water Department

CROSS CONNECTION CONTROL PROGRAM FOR SAFE DRINKING WATER



Helping us help you to protect
your customers, your business,
and YOU.

COMMERCIAL / INDUSTRIAL

What is cross connection?

A cross connection is when a plumbing system of potable water connects to a non-potable water source without a device in place to prevent backflow. At this point the potable water is contaminated, making it non-potable. If contaminated water enters the public water distribution system it could spread like wildfire, contaminating everything and everyone who touches, drinks or uses the contaminated water.

What is backflow?

Backflow is the unwanted flow of non-potable substances into the plumbing system and/or the public drinking water distribution system.

There are two different types of backflow.

There are two types of backflow:

- **Backpressure** occurs when the potable water supply is connected to another water system with a higher pressure, which can cause backflow.
- **Backsiphonage** occurs when there is negative pressure in the supply line, which can cause backflow.

Where do these cross connections typically occur?

A cross connection can occur anywhere at any time, but here are some of the most common locations they do occur:

- Irrigation and sprinkler systems
- Sinks, wash basins and service sinks
- Ice machines and chillers
- Fire sprinkler systems
- Solar heating systems
- Boilers
- Water conditioners
- Water re-circulating systems
- Cooling towers
- Stand pipe systems
- Laboratory equipment
- Industrial fluid systems and compressors
- Irrigation blowout valves
- Hose bibs
- Photo developing equipment

This is a non-exhaustive list.

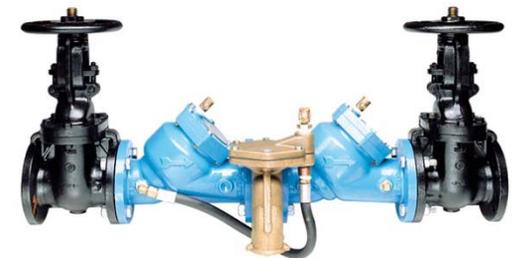


How to prevent a cross connection.

There are several types of testable devices to prevent a cross connection backflow incident. The City of Hailey's minimum standard for backflow prevention is a double check valve assembly (show below). This prevents backsiphonage.



Another device to prevent cross connection backflow is a reduced pressure assembly (show below). This device protects against both types of backflow: backsiphonage and backpressure.



Annual Testing Requirement

The City of Hailey requires that all cross connection prevention devices be tested upon installation and that they also be tested annually by a certified backflow assembly tester at cost to the owner.