WHAT IS A CROSS CONNECTION?

A cross connection is a connection between the drinking water system and any water use that has the potential to degrade water quality.

WHAT IS BACKFLOW?

Backflow is the undesirable reversal flow of water.

HOW DOES BACKFLOW OCCUR?

Any time pressure in the City Distribution system drops there is a possibility that contaminants may be drawn or siphoned into the drinking water system. This may be caused by a break in the Water Distribution pipes, by the Fire Department using a hydrant, or a number of other common occurrences.

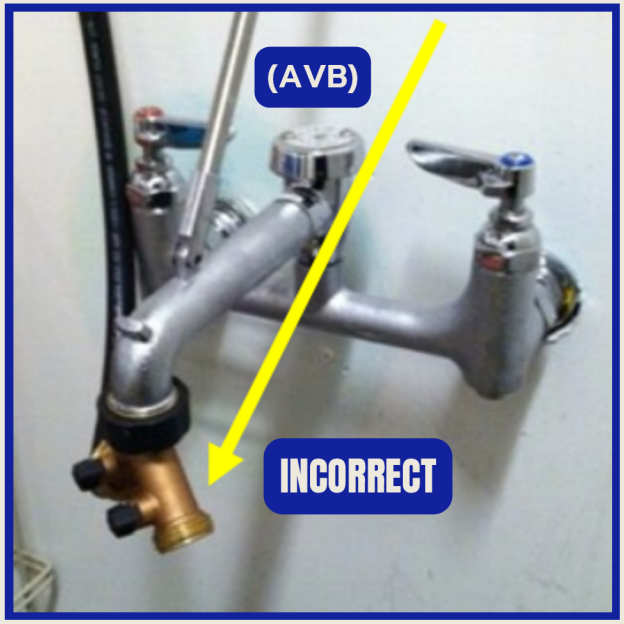
CHEMICAL DISPENSING SYSTEMS

The requirement to prevent backflow is stated in the Utah State Plumbing Code, Section 608.2 & 608.6. The supply lines and fittings for every plumbing fixture shall be installed to prevent backflow. The private plumbing system shall be protected from connection to chemical dispensing systems. There are many options available.

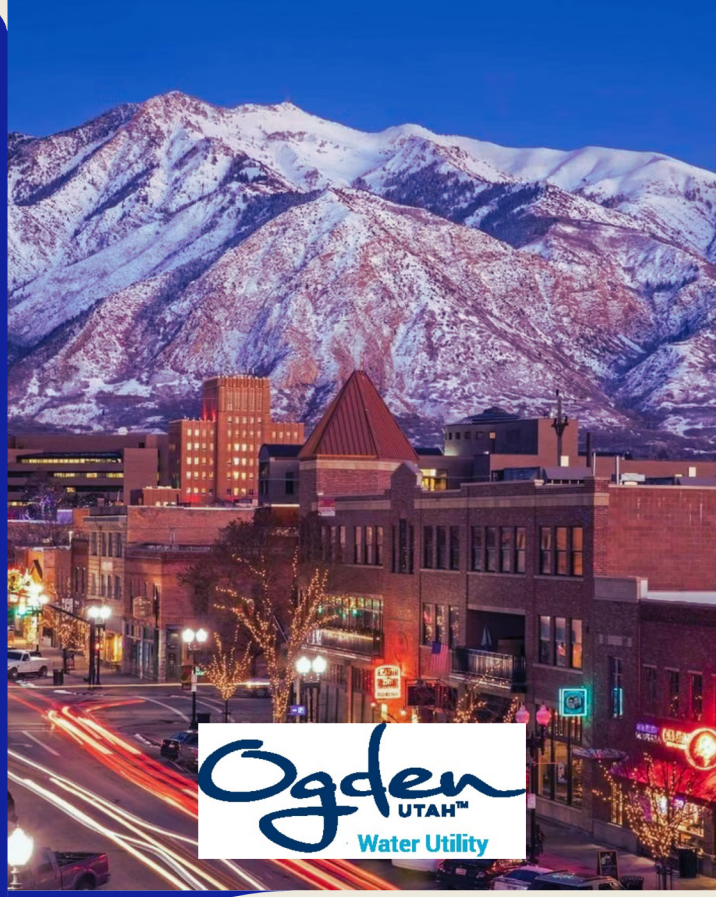
The dispensing unit has been tested and labeled with an ASSE 1055 sticker indicating the dispensing unit has been tested before sale OR shall be equipped with an air gap fitting.

Four Backflow Prevention Types Listed on the Opposite Page may also be used if no ASSE 1055 Sticker Exists on the Dispenser

As Per Utah State Plumbing Code Section 608.17.7; there shall not be downstream valves of ANY atmospheric vacuum breaker (AVB). Chemical dispensing units have built in valves.



QUESTIONS?
PLEASE CONTACT:
801-629-8317 or 801-629-8384
BFREPORTS@OGDENCITY.GOV



Chemical Dispensing & Water Safety

Water Quality

Chemical Dispenser Protection Options

(SVB)
Spill Resistant
Pressure Vacuum Breaker

(PVB)
Pressure Vacuum Breaker

(RP)
Reduced Pressure Principle

Backflow preventers shown above shall be tested within 10 days of initial use and annually thereafter.

CORRECT

When an ASSE 1055 sticker is present then the water supply to a chemical dispenser shall only require a dedicated waterline, therefore a testable backflow preventer is NOT required.

INCORRECT

Chemical Dispensers have built in Valves. Therefore, a connection downstream of an AVB is incorrect.

(AVB)
Atmospheric Vacuum Breaker

Non-Testable Device
Most Economical Choice