

Cross Connections Control Program

The City of Tomah Water Utility Maintains a cross connection control program to protect the public water system from contamination during a backflow situation.

Inspections, public education and enforcement of the Wisconsin Administrative Code and Tomah Municipal Code are the main components of the program.

An informational pamphlet, explaining cross connections and will be mailed to all customers starting in June, and inspections are on-going.

Approximately 350 residential inspections and 40 to 50 'high and medium risk' industrial-commercial inspections for 'cross connections' of the water supply need to be made each year.

Inspections of residential properties are scheduled to occur in conjunction with any water meter maintenance or replacement appointments. The inspection is performed by Water Utility personnel.

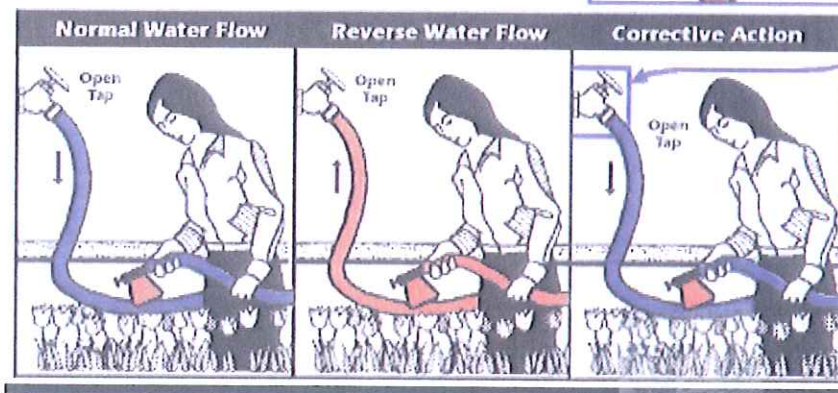
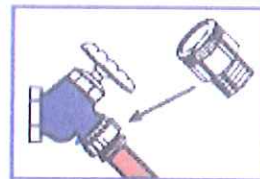
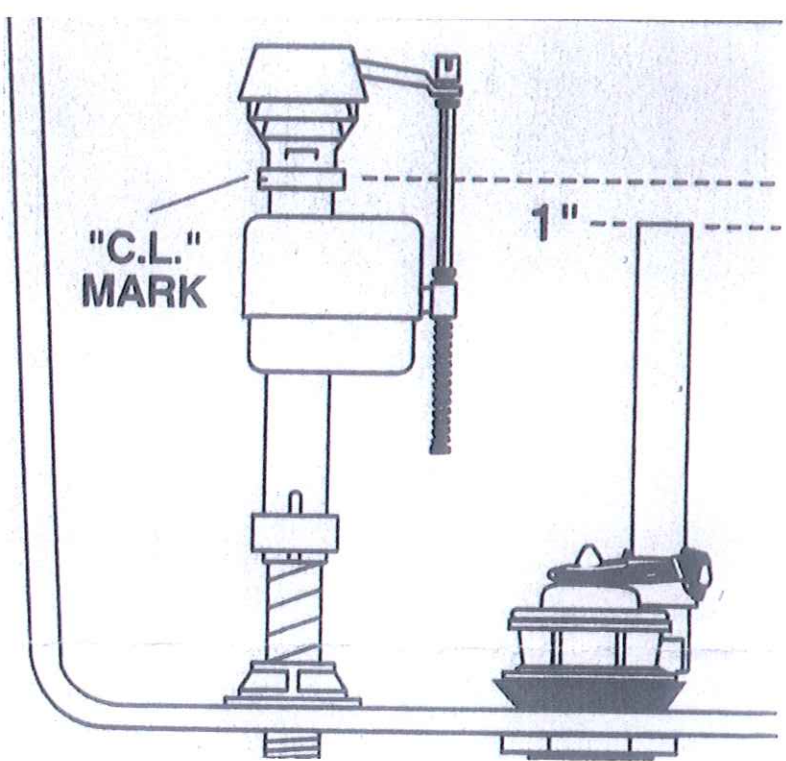
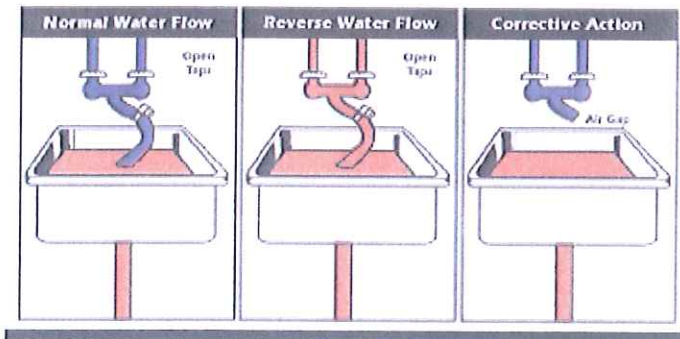
The more complex commercial, industrial, institutional and governmental facilities within the city are inspected by our contractor; Coulee Region Mechanical. These inspections will be preceded by a notice to the owner prior to the inspection date.

The purpose of these inspections is to identify any connections or potential connections of contaminant sources with the public water supply system and correct them, if necessary.

The most common example of a potential residential 'cross connection' is an outside or laundry sink spigot that does not have a backflow prevention device on it. If a backflow device, also known as 'hose bib vacuum breaker' is needed, up to (2) will be provided by the Utility as a service and convenience to the homeowner, if any additional corrections are needed, it will be at the property owners expense.

*A brief overview, presented to the City of Tomah Public Works and Utilities Commission - 5/28/2014

Cross Connection Illustrations



Video links: <http://www.youtube.com/watch?v=NKdl4R87Lg0> or search: managing a small town public water system 7:23

<http://www.youtube.com/watch?v=l5QoNSPpDZE> or search:

backflow prevention 4:59

<http://www.youtube.com/watch?v=obYt8V5LH7g> or search:

backflow happens 3:19