

- 3) Schedule a plumbing inspection through the Building Dept. All new devices shall be tested upon installation.
- 4) Arrange for the testable backflow prevention devices to be tested annually. Submit the certified testing report form to the Township Water & Sewer Department.

### *Why do the devices need to be tested annually?*

Since mechanical devices are subject to failure, the annual testing program is a critical element in maintaining the integrity of the devices to assure safe drinking water.

### *Examples of Cross Connections:*

- Boilers & Heat Exchangers
- Lawn Sprinkling Systems
- Wash basins and service sinks
- Hose bibs & swimming pools
- Fire Protection Systems
- Auxiliary water supplies
- Laboratory & aspirator equipment
- Medical & Dental equipment
- Commercial car washes
- Carbonated beverage machines
- Painting systems
- Photo developing equipment
- Connections to private wells
- Funeral Homes

*For detailed information about your water quality, look for the Bloomfield Township's Annual Water Quality Report mailed to every water customer each July or check out our website at [www.bloomfieldtwp.org](http://www.bloomfieldtwp.org).*

### *Source Water Protection*

Although the actual source for our drinking water is Lake Huron, the storm water runoff from our Township drains to the Rouge River. Storm water carries fertilizers, pesticides, oil & greases, sediment and other pollutants which end up in the rivers and lakes. We must be aware of how our actions affect this valuable resource.

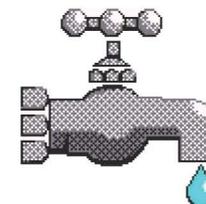
- Use low phosphorus or phosphorus-free slow release fertilizers.
- Avoid or reduce pesticide use- try Integrated Pest Management on your lawn or garden.
- Dispose of motor oils and household chemicals properly.
- Take your car to a car wash or wash on the lawn - don't let the soapy water drain down the driveway to the storm sewer.
- Practice Water Conservation



# Bloomfield Township



## *Cross Connection Control Program*



### *Keeping our Water Safe*

*A fact sheet for Bloomfield Township Water Customers.*

For further information please contact:  
**Bloomfield Township**  
**Water and Sewer Department**  
 4200 Telegraph Road  
 Bloomfield Hills, MI 48303  
 248 433-7731

# ***Bloomfield Township's Cross Connection Control Program***

## ***What is it?***

The Cross Connection Program is implemented by the Township Water Department to eliminate all cross connections through inspections and testing. Cross Connections are a potential health hazard that can contaminate or pollute the public's drinking water. This program is a requirement of the Michigan Safe Water Act 399, administered by the Michigan Department of Environmental Quality (MDEQ).

## ***What is a Cross Connection?***

A cross connection is a connection or arrangement of piping or appurtenances through which a backflow could occur.

## ***What is Backflow?***

Backflow, caused by back-siphonage and/or backpressure, is the unwanted reversal of flow of non-potable water back into the water distribution system. Backflow can allow bacteria, chemicals & other contaminants to enter the public water supply, if the cross connections are not properly controlled.

## ***Why is an Inspector Here?***

Township Ordinance No. 252 regulates cross connections with the public water supply in accordance with the Water Supply Cross Connection Rules of the Michigan Department of Environmental Quality (MDEQ). The ordinance grants the right for an Inspector to enter any property connected to the public water system for cross connection inspections. All work must conform with the State Plumbing & Building Codes.

An important part of the proactive program requires regular inspections of facilities with a potential of having cross connections to the public water supply. The inspections are scheduled per degree of hazard. The Township inspector will possess proper identification and has been State certified to perform proper inspections.

## ***What do I need to do?***

As a water customer you have certain responsibilities to help protect the public water supply:

- 1) Provide access for the inspector during the visit of your facility.
- 2) Become familiar with MDEQ's *Cross Connection Rules Manual*, most recent edition, to make sure you fulfill your responsibility to

install and test any backflow prevention devices at your facility (see [www.michigan.gov/deq](http://www.michigan.gov/deq)).

- 3) Have backflow prevention devices tested per schedule in the *Cross Connection Rules Manual*. All testing must be done by a state-certified tester (list available from the MDEQ see [www.michigan.gov/deq](http://www.michigan.gov/deq)).

## ***What if I don't pass the inspection?***

Should the inspector identify a potential hazard or cross connection, the Township will issue a notice to install an approved and appropriate backflow prevention assembly within a reasonable time. The type and location of the backflow prevention device will depend upon the nature of the hazard and the complexity of the on-site piping (see the *Cross Connection Rules Manual*). If a notice for corrective action is issued, the following steps are required:

- 1) Submit application along with necessary plan and fees to the Building Department for permit, 248-433-7715.
- 2) Once permit is obtained, have a licensed plumber install and certify the necessary devices.