

## Cross Connection Survey

(Please return with your water bill payment)

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Water Account # \_\_\_\_\_

**Check all that apply to this address:**

**This is a RESIDENCE**

- Lawn Irrigation System
- Fire Sprinkler System
- Swimming Pool, Hot Tub, Spa
- Boiler (Steam Heat)

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**NON- RESIDENTIAL** (includes businesses, school, institutional, industrial, commercial etc.)

**Type:** \_\_\_\_\_

- Air Conditioners (Evaporative)
- Aspirator
- Bedpan Washer
- Boiler Feed line
- Bottle Washer
- Carbonator Post Mix Beverage Machine
- Chemical Injection System
- Chiller, Chemical or Feed Tanks
- Coffee Maker (Plumbed)
- Cooling Condenser
- Degreasing Equipment
- Dental Delivery System
- Dental Vacuum Pump
- Detergent or Soap Dispenser
- Dish Rinse Sink/Flex Hose
- Dishwasher (Commercial)
- Fire Sprinkler System
- Garbage Disposal Unit

↩ **Continued on Reverse** ↪

### What Can I do to Help?

You are a vital part of the team. There are many things Bannockburn residents and business owners can do to help prevent contamination of the drinking water in your piping and in the public water system.

- ◆ This brochure contains the Village's Cross Connection Survey. Please complete the survey and return it with your water bill.
- ◆ Irrigation systems: Ensure an approved backflow assembly is installed; that it is in good working condition and remember to have the system tested annually.
- ◆ Swimming pools and hot tubs: Ensure that if a water hose is used to fill these units, it is protected with a hose bib vacuum breaker installed on the faucet.
- ◆ Fire sprinkler systems: Have the fire system's backflow protection device inspected annually along with your fire protection system (some fire protection contractors can perform both services at the same time).

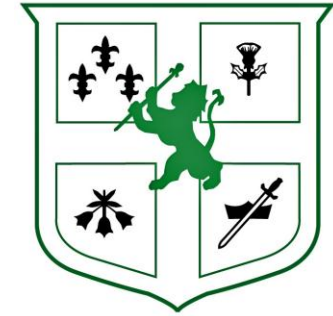
### What is the Purpose of the Survey?

Survey responses will be matched to water customers' records to ensure that all water uses that present backflow risks are properly protected. Customers lacking proper protection will be contacted by the Village, and asked to install the necessary backflow assemblies.

### For more information about backflow and cross connections:

- ◆ Visit: <http://www.bannockburn/ccp>.
- ◆ Call Village of Bannockburn at 847-945-6080/[mlasday@villageofbannockburn.org](mailto:mlasday@villageofbannockburn.org).

## Village of Bannockburn



### Backflow Protection Pamphlet & Cross Connection Survey

- ◆ What you need to know about Backflow Prevention and Cross Connections
  - ◆ Cross Connection Survey
- (Please Complete & Return with your Water Bill)

## The Village of Bannockburn is Committed to Providing Safe Drinking Water

The Village of Bannockburn is committed to providing you the healthiest, highest quality water, but we need your help to prevent contamination from occurring at your home or business.

Many ordinary household activities, under the wrong circumstances, can lead to water contamination. For example, a garden hose submerged in a tub of water to wash your pet or car, or connected to a garden sprayer containing fertilizer or insecticides, can lead to contamination of the water in your household pipes or in the Village water system. Taking simple precautions with your home water use can prevent drinking water contamination.

### What is a Cross Connection?

A cross connection is any connection between piping that carries drinking water ('potable water') and the piping or fixtures that carry water not suitable for drinking or other substances that are not safe to drink, such as cleaning products, yard and garden chemicals, automotive products, water from irrigation systems, fire sprinkler systems, or private wells.

### What is Backflow?

Drinking water normally flows in one direction, from the meter to the house. Under certain circumstances, it can flow in the opposite direction -- this is called "backflow." A backflow incident can happen at any time. All that is needed is a water pressure drop in the public water system main line, most commonly caused by fire fighting, hydrant flushing, flow testing, a water main break, or extreme high usage on the water system.

### Why is Backflow Protection Necessary?

If a pressure drop occurs, any connection to a non-potable water source could be siphoned back into the customer's drinking water piping, polluting the water within the home, and possibly into the water mains in the street, contaminating the public water system.

### Do I Currently Have Adequate Backflow Protection? How Can I Find Out?

If your irrigation system, fire sprinkler system, swimming pool, spa, or other device or appliance plumbed to a water line, was installed with a building permit issued by the Village Building Department, adequate backflow protection was required. If you are unsure if backflow protection was properly installed, please contact the Village Hall at (847-945-6080).

### What is a Backflow Assembly?

Backflow assemblies are devices placed on cross connections to prevent water from back flowing into the public water system. The most common type of backflow assembly is a double check valve assembly, which consists of two independent check valves, two resilient seated shut-off valves and test cocks. To ensure they work correctly, all backflow assemblies must be tested annually with the exception of atmospheric vacuum breakers which are typically found on outdoor hose faucets.

### How Often Do Backflow Assemblies Need to be Tested?

Backflow assemblies must be tested:

1. At the time of installation
  2. Annually after installation
  3. Following any repair work
  4. After relocating any backflow assembly
- Following the testing, the certified plumber must submit a copy of the test report to the Village.

### Who Can Test the Backflow Assembly?

Backflow assembly tests in Bannockburn can only be conducted by Illinois licensed plumbers who are also certified to inspect backflow assemblies.

(Continued from reverse)

## Non Residential Customer Survey

- Geo-Thermal Heating System
- Glass Washer
- Hot Tub
- Humidifier
- Ice Maker (Water Cooled)
- Irrigation System
- Laundry Machine (Commercial)
- Make up Tank
- Photo or X-ray Developer
- Plating Tank
- Pressure Washer (Commercial)
- Pump Prime Line
- Salon Sink
- Slush Machine
- Solar Heating Units
- Steam Cleaner/Generator
- Sterilizer
- Swimming Pool
- Water Softener

### Other Equipment Using Water:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Detach and return

*Thank You!*