

Town of Gate City
SERVING THE COMMUNITY OF Gate City, Virginia
CROSS CONNECTION CONTROL PROGRAM
QUESTIONNAIRE

Introduction

A "cross connection" is an unprotected actual or potential piping or plumbing arrangement between a customer's residential piping system and the public water system through which a substance other than potable water could backflow into the public system.

The most common problems in a home are commode flush tank valves submerged in the tank, the connection of hoses or other devices to hose bibs that are not protected by a hose bib vacuum breaker, and the use of yard hydrants that have a drain hole underground. Most homes can be adequately protected by applying an approved vacuum breaker on all hose bibs and through the installation of an anti-siphon flush valve.

Hoses left submerged in swimming pools, kitchen sinks, bath tubs, animal watering troughs, or having chemical sprayers attached to them while weed-killing are conditions that can be extremely hazardous. Other potential hazards can apply if hoses are left lying on the ground where contaminants such as fertilizer, garden chemicals, or other liquids can be siphoned into the hose and into the home.

Frost proof yard hydrants drain into the ground when turned off. The drain hole underground could allow contaminated groundwater to be siphoned into the home. An approved backflow device installed on the line feeding the hydrants will provide adequate protection but is expensive. An alternative is to just plug the hole or pipe the drain to daylight.

All inside and outside hose bibs except those for dishwashers and washing machines will require vacuum breakers.

Vacuum breakers may prevent hose bibs and frost proof yard hydrants from draining. Please read manufactures recommendations for winter draining or purchase the frost-proof type that self-drain.

The waterworks owner has the primary responsibility for preventing substances from an unknown, questionable, or nonpotable source from entering the public water supply.

The consumer, homeowner, or resident also shares in this responsibility and has the primary responsibility for preventing pollutants or contaminants from entering the residential piping system.

We will be required to send out a questionnaire each year to show that you are still adequately protected.

Your cooperation is needed for us to have an effective program to eliminate cross connections in our water systems. You are asked to complete and return the survey form by the end of July, 2010.

We will contact you to determine the most cost effective means to provide you and the community protection from cross connections and backflow.

Please contact the following at 276 386-3831 if you have any questions:

Town of Gate City
156 E. Jackson Street
Gate City, VA 24251

**Town of Gate City
QUESTIONNAIRE
June, 2010**

Name _____
Address _____
Home Telephone _____
Work Telephone _____

Property Owner if not current resident

Name _____
Address _____
City, State, Zip _____
Telephone _____

Please check any item that may apply to your premises:

- outside spigots without vacuum breaker
- swimming pool
- animal watering trough
- shampoo bowl/sink
- private well, spring or cistern
- darkroom/photo development
- frost-proof spigot with vacuum breaker
- Jacuzzi/hot tub
- frost-proof spigot without vacuum breaker
- lawn irrigation sprinkler system
- fire protection sprinkler system
- mop sink/laundry sink/utility sink with hose bib threads
- baptismal pool
- dye vat
- steam or hot water heating system
- carbonated drink machine
- yard hydrant/yard spigot/standpipe
- fish pond
- pressure booster pump
- solar heating system
- dialysis equipment
- water storage tank
- hose end sprayer for fertilizer or other chemicals
- pressure washers

Please offer a brief description of any other items or treatment units connected to the water system on your property:

Please list any existing cross connection control devices you have installed and if they appear to be working properly:

Any additional comments:

Please return this form to:

**Town of Gate City
156 E. Jackson Street
Gate City, VA 24251**