

## CROSS-CONNECTION CONTROL QUESTIONNAIRE

Customer Name:			
Service Address:			
Primary Phone:		Alternate Phone:	
Email Address:			

**For Frequently Asked Questions, please review the next page.**

	Yes	No
1. Underground lawn irrigation system?.....	_____	_____
If yes, is it protected by a testable backflow preventer?.....	_____	_____
2. Swimming pool, hot tub, or water feature directly connected to water system?.....	_____	_____
If yes, is it protected by a testable backflow preventer?.....	_____	_____
3. Photo, chemical, medical, or other lab facilities?.....	_____	_____
If yes, is it protected by a testable backflow preventer?.....	_____	_____
4. Private auxiliary well for irrigating/other use, or other non-PUD source of water? (e.g. storage tank, reclaimed water, lake, river, creek, or pond water).....	_____	_____
If yes, is it protected by a testable backflow preventer?.....	_____	_____
5. Make-up water to a boiler, radiant floor heating system, or heat exchanger?.....	_____	_____
If yes, is it protected by a testable backflow preventer?.....	_____	_____
6. Garden hoses connected to possible contaminants?.....	_____	_____
If yes, is it protected by a hose bib vacuum breaker?.....	_____	_____
7. Water treatment system? (e.g. water softener or whole house filtration system)...	_____	_____
If yes, is it protected by an air gap?.....	_____	_____
8. Residential fire sprinkler system?.....	_____	_____
If yes, is it protected by a testable backflow preventer?.....	_____	_____
9. Animal watering troughs directly connected to the drinking water supply?.....	_____	_____
10. Home-based business?.....	_____	_____
If yes, please list the type of business (e.g. beauty salon, pet grooming, machine shop, other).		

By completing this form, you are providing information that will help us determine if a cross-connection could exist and if prevention is required. **This form is required to be completed, at least every five years or when changes to customer plumbing has been completed, as part of the PUD's Cross-Connection Control Plan (Resolution 05-15), developed in compliance with Washington Administrative Code (WAC) 246-290-490. Resolution 05-15 is available online at [www.thurstonpud.org/policies-and-procedures.htm](http://www.thurstonpud.org/policies-and-procedures.htm).** Please return this form by email to [PUDPlanning@thurstonpud.org](mailto:PUDPlanning@thurstonpud.org), by fax to (360) 357-1172, or by mail to Thurston PUD, 1230 Ruddell Road SE, Lacey, WA 98503.

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

*Completion of this form will help prevent the accidental contamination of your drinking water. Thank you.*

OFFICE USE ONLY			
Account Number:		Water System:	
		Received Date:	
		Initials:	

# CROSS-CONNECTION CONTROL QUESTIONNAIRE

## Frequently Asked Questions

### What is a testable backflow assembly device?

Approved assemblies are manufactured with isolation valves and test cocks to permit field-testing to demonstrate that the assemblies are properly functioning to prevent backflow. Testing is required annually to ensure the backflow preventer is working properly. Backflow prevention assemblies that appear on the USC-Approved Assemblies List are acceptable for protection of public water systems, available at <https://fccchr.usc.edu/list.html>.

Contact the Planning and Compliance Department at PUDPlanning@thurstonpud.org or at (360) 357-8783, option 3 if you have any questions or need any assistance completing this form.

Listed below is additional information for each of the possible uses reflected in the Cross-Connection Control Questionnaire:

1. Underground irrigation systems require a backflow preventer to protect you and the public water supply from non-potable drinking water.
2. Swimming pools, hot tubs, or water features (e.g. fountains or ponds) require a backflow preventer if they are directly connected to your plumbing system. If you fill any of these using your garden hose, do not submerge the supply hose end into the receiving vessel.
3. If any photo, chemical, or medical facility equipment is connected to your plumbing system, a backflow preventer is needed.
4. Any auxiliary or irrigation well, and/or other non-PUD water source (e.g. lake, creek, river, pond used for irrigation) requires a backflow preventor to be installed, even if the public and private water systems are not inter-connected.
5. Most boiler systems, radiant flooring heating systems, heat exchangers, and other HVAC equipment require backflow preventers. Hot water tanks do not require a backflow preventer.
6. Garden hoses connected to chemicals, or soap dispensing sprayers must be protected by a hose bibb atmospheric vacuum breaker at a minimum. Due to the potential hazard, we do not recommend using these types of sprayers.
7. Some water treatment systems require backflow assemblies. Most water softening equipment has drain piping and this discharge (or waste) piping should not be submerged in a floor or wall drain opening. An air gap is required.
8. A residential fire sprinkler is defined as a system of overhead sprinkler heads installed throughout your residence. A backflow preventer is required unless it is a flow-through system where water doesn't stay stagnant in the fire system.
9. Animal water troughs directly connected to the water supply require a backflow preventer. Hoses used to fill watering troughs, tanks, or other receiving vessels, should maintain an air gap while filling and never be submerged.
10. Depending on the type of home-based business you have, TPUD staff may need to reach out to acquire additional information about how water is utilized on the property.

### Protect your drinking water by taking the following precautions:

#### Do:

- Keep the ends of hoses clear of all possible contaminants.
- If not already equipped with a built-in vacuum breaker, buy and install hose bibb atmospheric vacuum breakers (AVB) on all threaded faucets around your home. These devices are inexpensive (approx. \$7) and are available at most local hardware stores.

#### Don't:

- Submerge hoses in buckets, pools, tubs, sinks, ponds, etc.
- Use spray attachments without a backflow prevention device like an AVB.
- Connect waste pipes from water softeners or other treatment systems to the sewer/septic, submerged drainpipe, etc.