

CROSS CONNECTION CONTROL

A "cross connection" is an unprotected actual or potential piping or plumbing arrangement between a customer's piping system and the public water system through which contaminated water could flow back into the public system.

When the water pressure in the water main decreases (water main breaks or pump failure) or when the water pressure in a customer's water system increases, (booster pump or heat) water can flow backwards. Water may travel from your piping system or from a hose connected to your piping system backward into the water main in your street.

The most common problems in a home are toilet flush tank valves submerged in the tank, the connection of hoses or other devices to hose bibs, and the use of frost-proof yard hydrants. 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 in the toilet tank.

Hoses left submerged in buckets, ponds, swimming pools, animal watering troughs, or having chemical sprayers attached to them are conditions that can be extremely hazardous. Other potential hazards can apply if hoses are left lying on the ground where contaminants such as animal feces, fertilizer, garden chemicals, or other material 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 contamination to be siphoned into the home or into the water main. An approved backflow device installed on the line feeding the hydrants will provide adequate protection but is expensive. An alternative is to install a quality hose bib vacuum breaker or eliminate the hydrant.

All inside and outside hose bibs except those for washing machines should be outfitted with a quality vacuum breakers.

WARNING, vacuum breakers may prevent the hose bib from draining. This could allow the hose bib to freeze. Please read the manufactures recommendation for winterizing.

Washington Administrative Code (WAC) 246-290-490(1) "Cross-connection control" requires "all community water systems" to "protect their public water system from contamination via cross-connections" by "eliminating or controlling cross-connections". WAC 246-290-490(3)(c) requires water purveyors¹ "shall develop and implement procedures and schedules for evaluating new and existing service connections to assess the degree of hazard posed by the consumer's premises to the purveyor's distribution system and notifying the consumer within a reasonable time frame of the hazard evaluation results."

The attached questionnaire will provide the information needed to evaluate existing service connections for actual or potential cross-connections. Based on the completed questionnaire, The District may need to contact you in order to assess the degree of hazard for any actual or potential cross-connections.

Your cooperation is needed in order to reduce the potential of contaminating our water system and complying with Washington State Law. Please complete and return the questionnaire within 30 days. Failure or refusal to complete and return the questionnaire m result in a determination of the existence of a high health cross-connection hazard per WAC 246-290-490(4)(b).

Thank you in advance for your cooperation.

Please contact the following if you have any questions: John Bell 360-665-4144.

¹ "Purveyor" means any agency or subdivision of the state or any municipal corporation, firm, company, mutual or cooperative association, institution, partnership, or person or any other entity, that owns or operates for wholesale or retail service a public water system. It also means the authorized agents of any such entities. Revised Code of Washington (RCW) 70.116.030(4)

WATER USE QUESTIONNAIRE

Property Owner Name:	
Mailing Address:	
City:	
State, Zip:	
Telephone #1:	
Telephone #2:	
Email Address:	
Emergency Contact Name:	
Emergency Contact Telephone:	
Address of Property: (served by North Beach Water District)	

Please check any item that may apply to your premises:

- | | |
|---|---|
| <input type="checkbox"/> Yard hydrants (frost proof) | <input type="checkbox"/> Mop Sink |
| <input type="checkbox"/> Swimming pool | <input type="checkbox"/> Laundry Sink (threaded spigot) |
| <input type="checkbox"/> Animal watering trough | <input type="checkbox"/> Steam or hot water heating system |
| <input type="checkbox"/> Animal bathing sink | <input type="checkbox"/> Carbonated drink machine |
| <input type="checkbox"/> Shampoo sink | <input type="checkbox"/> Fish pond |
| <input type="checkbox"/> Water well | <input type="checkbox"/> Booster pump |
| <input type="checkbox"/> Darkroom (photo development equipment) | <input type="checkbox"/> Solar heating system |
| <input type="checkbox"/> Jacuzzi/hot tub (with pump) | <input type="checkbox"/> Dialysis equipment |
| <input type="checkbox"/> Dry cleaning equipment | <input type="checkbox"/> Water storage tank |
| <input type="checkbox"/> Lawn irrigation or sprinkler system | <input type="checkbox"/> Water filter or water softener equipment
(i.e. reverse osmosis, iron removal, activated carbon) |
| <input type="checkbox"/> Fire protection sprinkler system | |

Please provide a brief description of any other item connected to the water system on your property:

If you have a cross connection control device please provide the following information:

Location on property:	
Date of last test or repair:	

Comments or Questions:

Please return completed questionnaire to:
 Cross Connection Coordinator
 c/o North Beach Water District
 PO Box 618
 Ocean Park, WA 98640

<i>For official use only</i>	
<input type="checkbox"/> Does not need follow-up	
<input type="checkbox"/> Needs follow-up	_____ Initials