

## 2012 CROSS-CONNECTION CONTROL SURVEY

Dear Customer,

The following form **must** be completed and returned to the District by all water service customers connected to our public water supply. This survey will help us prevent accidental contamination of our drinking water system. The purpose of this survey is to determine whether a cross-connection may exist at your home or business and to protect public safety.

The Washington State Department of Health requires that all water purveyors protect the public water supply from contamination by eliminating actual cross-connections and reducing the hazard of potential cross-connections. It also requires all purveyors to report annually the potential for cross-connection hazards to the water system. Your completion of this survey will assist the District in satisfying these requirements.

A cross-connection is an unprotected or improper connection to the system that may cause contamination or pollution to enter the system. It can be a direct or indirect connection with any other water source, sewer, drain, conduit, pool, storage tank, plumbing fixture or other device which contains, or may contain, contaminated water, sewage or other liquid or waste of unknown or unsafe quality. The system water pressure can suddenly drop because of heavy usage, a fire in the area or a broken water main. When that happens, contaminated water could be siphoned back into your plumbing system from unprotected cross-connections within your home. Even though the District has a very reliable water distribution system, these pressure drops can occur. All homes have potential cross-connections. The water pipes and plumbing fixtures that make up cross-connections can be the link for contamination to get back into the drinking water supply. They can be a serious health hazard. The reversing of the flow direction in the pipes is called backflow. The result of cross-connection contamination is that chemicals, poisons and bacteria might find their way into the water you drink.

Examples of cross-connections include:

1. Improperly installed irrigation systems which may allow backsiphonage of stagnant, bacteriologically unsafe water into the domestic piping system.
2. Improperly plumbed water-using devices such as hot-tubs, boilers or dishwashers, which may allow unsafe water back into the domestic piping system.
3. Irrigation systems served by an auxiliary source, such as a private well or creek. Such systems create a potential for major contamination of the public water system via inter-ties with the domestic piping system.
4. Interconnections between the potable system and a non-potable system.

Most modern plumbing systems have backflow devices built in (toilets, sinks, modern hose connections). For more information and detailed descriptions of cross connections, view the following link:

<http://www.epa.gov/safewater/crossconnectioncontrol/pdfs/chapter04.pdf>

Every customer served by this system must be surveyed. This survey includes identifying what plumbing fixtures are present in the home or business. After we receive this survey back, we will review the data and determine whether an inspection of your plumbing is needed. If this is the case, you will be notified by phone or mail. Help yourself, your family and your community by eliminating unprotected cross-connections. Help the District and your neighbors by filling out the attached Cross Connection Survey and returning it to the District.

Return this survey to 4029 NE 178<sup>th</sup> Street, Lake Forest Park, WA 98155. You may include it with your water bill or fax it to (206) 365-3357 by the date shown. If you have any questions, call (206) 365-3211 between 8 a.m.-4 p.m. Monday-Friday.

Thank you for your assistance.

**LAKE FOREST PARK WATER DISTRICT  
2012 CROSS CONNECTION SURVEY**

Account Number: \_\_\_\_\_ (As Shown on Bill)

Date: \_\_\_\_\_

Customer Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Phone Number: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Please check the boxes that apply to your residence and/or business and return to Lake Forest Park Water District by **September 1, 2012**.

**If we do not receive your completed survey by the date listed above you may be required to install a backflow prevention device within 90 days of the above date or water service will be disconnected.**

**Survey Questions**

- |  |                                    |                                      |  |
|--|------------------------------------|--------------------------------------|--|
| 1. Is this service for a residence, business or both?  | <input type="checkbox"/> Residence | <input type="checkbox"/> Business    | <input type="checkbox"/> Both                                |
| 2. Do you have a well or other water source?<br>If so, is it connected to the house plumbing system? | <input type="checkbox"/> Yes       | <input type="checkbox"/> No          | <input type="checkbox"/> Don't Know                          |
|  | <input type="checkbox"/> Yes       | <input type="checkbox"/> No          | <input type="checkbox"/> Don't Know                          |
| 3. Do you have an underground lawn irrigation/sprinkler system?<br>If yes, what is the source?       | <input type="checkbox"/> Yes       | <input type="checkbox"/> No          | <input type="checkbox"/> Don't Know                          |
|  | <input type="checkbox"/> LFPWD     | <input type="checkbox"/> Lake        | <input type="checkbox"/> Well <input type="checkbox"/> Other |
| 4. Do you have a fire sprinkler system?  | <input type="checkbox"/> Yes       | <input type="checkbox"/> No          | <input type="checkbox"/> Don't Know                          |
| 5. Do you have a frost-proof yard hydrant?   | <input type="checkbox"/> Yes       | <input type="checkbox"/> No          | <input type="checkbox"/> Don't Know                          |
| 6. Do you heat your home with a hot water heating system?<br>If yes, what is the source?             | <input type="checkbox"/> Yes       | <input type="checkbox"/> No          | <input type="checkbox"/> Don't Know                          |
|  | <input type="checkbox"/> Solar     | <input type="checkbox"/> Geo-thermal | <input type="checkbox"/> Other                               |
| 7. Do you have a swimming pool, hot tub or Jacuzzi tub with a permanent submerged water fill pipe?   | <input type="checkbox"/> Yes       | <input type="checkbox"/> No          | <input type="checkbox"/> Don't Know                          |
| 8. Do your laundry tubs/sinks have an air gap below the faucet?                                      | <input type="checkbox"/> Yes       | <input type="checkbox"/> No          | <input type="checkbox"/> Don't Know                          |
| 9. Do you have Vacuum Breaker Devices on all of your hose bibs?                                      | <input type="checkbox"/> Yes       | <input type="checkbox"/> No          | <input type="checkbox"/> Don't Know                          |
| 10. Do you have an existing Backflow Prevention Assembly?  | <input type="checkbox"/> Yes       | <input type="checkbox"/> No          | <input type="checkbox"/> Don't Know                          |

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