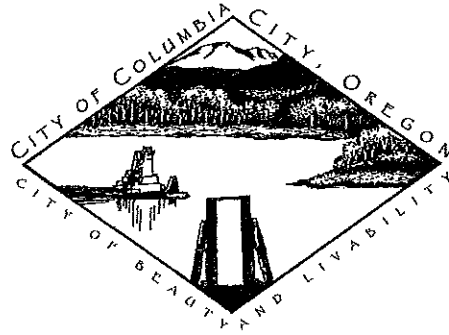


# The City of Columbia City

*In Columbia County on the Columbia River*



## BACKFLOW PREVENTION ASSEMBLY DEVICE INSTALLATION AND MAINTENANCE

In order to comply with the City of Columbia City's Ordinance Number 459 and Oregon Administrative Rules, Chapter 333-61-070, backflow prevention assemblies with test cocks (i.e., reduced-pressure-principle, double-check-valves and pressure-vacuum-breaker assemblies) must be tested upon installation and annually thereafter by a licensed tester.

The City will maintain your backflow prevention assembly if you transfer ownership to the City. To transfer ownership of your backflow prevention assembly to the City, please sign the attached Bill of Sale/License before a notary and return it to City Hall. The City provides notary services to residents at no charge and we recommend you call first to determine the availability of our notary. Upon our receipt of your signed Bill of Sale/License form, the City will assume maintenance and inspection responsibility for the backflow prevention assembly currently located upon your private property, and the City will perform the required annual inspection of your device.

If you chose to retain ownership of your backflow prevention assembly device please be sure that a licensed tester performs an inspection and a copy of the inspection report is returned to City Hall on an annual basis.

If you have any questions, please call City Hall.

**BILL OF SALE/LICENSE**

**WHEREAS**, by virtue of Ordinance No. 519, the City of Columbia City has assumed the responsibility for the repair and maintenance of water system back flow prevention device assemblies that were previously the responsibility of the property owner; and

**WHEREAS**, the Undersigned are the owners of real property in Columbia City, Oregon, commonly known as \_\_\_\_\_, (address) upon which is located a back flow prevention assembly; **NOW, THEREFORE**,

**KNOW ALL MEN BY THESE PRESENTS**, that the Undersigned, \_\_\_\_\_ (owners) of Columbia City, in the County of Columbia, Oregon, in consideration of the promise of Columbia City to repair and/or replace, as necessary and reasonable, the back flow prevention device assembly upon our property at \_\_\_\_\_, (address) Columbia City, Oregon, do hereby grant, bargain and convey to the **CITY OF COLUMBIA CITY**, the back flow prevention device assembly located upon our real property located at \_\_\_\_\_, (address) Columbia City, Oregon, and we do hereby grant unto the City of Columbia City a license and permit to go upon our said real property at all reasonable times and in a reasonable manner for the purpose of repairing and/or replacing said back flow prevention device assembly.

**IN WITNESS WHEREOF** the Undersigned have hereunto signed this Bill of Sale/License this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

**UNDERSIGNED:**

**UNDERSIGNED:**

By \_\_\_\_\_

By \_\_\_\_\_

STATE OF OREGON  
County of Columbia

**SUBSCRIBED and SWORN** to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
NOTARY PUBLIC for Oregon  
My Commission Expires:

Description of backflow physical location on property:		
Make:	Serial #:	Dist. to: Address File <input type="checkbox"/> Backflow Prevention Program File <input type="checkbox"/>

**RE: Backflow Assembly and Thermal Expansion**

Our records indicate that you have, or soon will be, installing a backflow prevention assembly on your service line. This assembly prevents any non-drinkable water source within your residence from entering and contaminating Columbia City's water supply. The assembly is required in compliance with the Oregon State Health Division rule, which requires water purveyors to "...undertake programs for controlling and eliminating cross connections."

We feel that it is also necessary to inform you of a potential hazard that exists in relation to this backflow prevention assembly and your water heater. Water heaters are installed with a temperature and pressure (T/P) valve, which is designed to relieve excessive water temperature or pressure. Thermal expansion is caused when cold water in the water heater is heated and expands which creates more pressure. Before the backflow assembly was installed, the water used to backflow into the water system main.

However, when a backflow prevention assembly is installed on a household water service line, the water cannot go back out into the water system. This leaves the T/P valve as the only release route for the excessive pressure created by the water heater.

If a water heater thermostat becomes defective, allowing the water temperature to increase to more than 212 degrees F., and the T/P valve fails, your domestic water can become "superheated." Superheated water can cause water heaters to explode or can allow scalding steam to be released from faucets upon use. This condition is rare because the water heater thermostat and the T/P valve must malfunction simultaneously. However, with the backflow prevention assembly in place, this potential hazard exists.

We recommend that you inspect your T/P valve periodically. Also, a licensed plumber can inspect, repair or replace your T/P valve to ensure your safety. **Installation of thermal expansion chambers and pressure-relief toilet ball cock assemblies are advised to provide additional protection.** Should you have any questions, please call a licensed plumber for additional advice and consultation.

Columbia City Water