

41-00068

**DEER CREEK ESTATES CROSS CONNECTION ORDINANCE
(UPDATED 9/7/19)**

1. Cross Connection

Under the authority of OAR 333-061-0070, we have been directed by the State of Oregon, to create an ordinance, or enact new rules in Deer Creek Estates for the purpose of protecting your drinking water quality from backflow contamination. There are several situations which may cause backflow into the drinking water system. By installing a backflow device on a cross connection line, we may prevent the contamination of drinking water to other residents in our public water system should a backflow situation occur.

2. Definitions

- A. Backflow - the flow of water or other liquids or substances into a water supply system caused by back pressure or back siphonage.
- B. Back Pressure – an elevation of pressure downstream of the distribution system that could cause water to flow opposite the direction it was intended.
- C. Back Siphonage – a drop in distribution pressure below the atmospheric pressure (vacuum) that could cause water to flow opposite the direction it was intended.
- D. Check Valve – a valve that allows water to flow only one direction.
- E. Cross Connection – any actual or potential connection through which it is possible to introduce into the drinking water system any used water, industrial fluid, gas or other substance.
- F. Contamination - an impairment of the drinking water quality that could create an actual hazard to the public health through poisoning or spread of disease by sewage, industrial fluids, waste and other substances.
- G. Ordinance- an authoritative command or order; a statute or regulation enacted by government.
- H. Pollution- an impairment of drinking water quality that does not create a hazard to the public health but does negatively affect the quality of the drinking water.
- I. Public Health Hazard – a condition, device or practice which allows the introduction of waterborne disease organisms or harmful chemical, physical or radioactive substances into a public water system causing an unreasonable risk to health.
- J. Safe Drinking Water – water that has low enough concentrations of biological, chemical, radioactive or physical substances so that people drinking the normal amounts of water will not be exposed to disease or other harmful physiological effects.

3. Ordinance

- A. All existing or new mobile homes in Deer Creek Estates that have any cross connections must install a backflow device on their water service line after the meter. Installation of the backflow device is the responsibility of the homeowner and requires a licensed plumber to install.
- B. Installation must be inspected by the Certified Operator and approved in writing by the board or operator.
- C. No persons may occupy or reside in a new mobile home that requires a backflow device until one is installed, as authorized by the above Oregon Administrative Rule.
- D. Failure to install an approved backflow device on your water line will result in termination of your water service until the problem is corrected as authorized by the above Oregon Administrative Rule.
- E. Failure to maintain an approved backflow device on your water line will result in termination of your water service until the problem is corrected as authorized by the above Oregon Administrative Rule.
- F. Failure to remove or eliminate an existing unprotected or potential cross connection as identified by the water operator or agent will result in termination of your water service until the problem has been corrected as authorized by the above Oregon Administrative Rule.
- G. Approved Devices
Brass or PVC spring loaded backflow device or brass gravity swing gate backflow device or current standards per the above Oregon Administrative Rule.

