

## Backflow and Cross Connection

Backflow is the reversal of flow of a water or other substances into the potable water distribution supply. Backflow can occur when pressure in the downstream pipe is higher than the distribution supply resulting in pushing the unprotected water or other substances back into the supply lines. These conditions could result in contamination of customers' drinking water. A cross connection is any actual or potential connection between the potable water supply and any other source(s) which may be considered non-potable. One example is a connection to Harnett's water system and in addition a connection to an old well on the property or to an irrigation/sprinkler system.

## Backflow Prevention

A backflow prevention device is used to protect potable water from non-potable water systems that can result in contamination or pollution due to backflow. The type of device shall be based on degree of hazard, existing or potential.

## Testing Backflow

HRW's cross connection regulations require that all backflow prevention assemblies be tested annually by a certified tester.