

CROSS CONNECTION Thermal-Expansion Statement

Thermal Expansion- the Authority has installed a one-way check valve at your meter service. This has been done to prevent the backflow of water from your home into the public's water supply. Under certain condition the backflow of your home's water could possibly contaminate the public water supply.

When water is heated it expands, the check valve at the meter has closed your water system, in some cases this may contribute to a condition know as Thermal Expansion. All household plumbing has a certain amount of Thermal Expansion, but in some cases the household plumbing may have excess Thermal Expansion. You may have this condition if your faucets drip intermittently or if the Test & Pressure valve on you water heater drips intermittently. Excess Thermal Expansion can easily be cured; your local plumber will be able to advise you on what needs to be done. If you need more information on Thermal Expansion you can contact us at Tuckaseigee Water & Sewer Authority at 828-586-5189. The Authority is responsible for clean and safe drinking water to all of its customers. The prevention of possible backflow of water into the system is just one more step the Authority has taken to insure clean and safe water for all.