**ICC PLUMBING CODE SECTION 602 WATER REQUIRED**

**602.1 General.** Structures equipped with plumbing fixtures and utilized for human occupancy or habitation shall be provided with a potable supply of water in the amounts and at the pressures specified in this chapter.

**602.2 Potable water required.** Only potable water shall be supplied to plumbing fixtures that provide water for drinking, bathing or culinary purposes, or for the processing of food, medical or pharmaceutical products. Unless otherwise provided in this code, potable water shall be supplied to all plumbing fixtures.

**602.3 Individual water supply.** Where a potable public water supply is not available, individual sources of potable water supply shall be utilized.

**602.3.1 Sources.**
Dependent on geological and soil conditions and the amount of rainfall, individual water supplies are of the following types: drilled well, driven well, dug well, bored well, spring, stream or cistern. Surface bodies of water and land cisterns shall not be sources of individual water supply unless properly treated by *approved* means to prevent contamination.

**602.3.2 Minimum quantity.**
The combined capacity of the source and storage in an individual water supply system shall supply the fixtures with water at rates and pressures as required by this chapter.

**602.3.3 Water quality.**
Water from an individual water supply shall be *approved* as potable by the authority having jurisdiction prior to connection to the plumbing system.

**602.3.4 Disinfection of system.**
After construction or major repair, the individual water supply system shall be purged of deleterious matter and disinfected in accordance with Section 610.

**602.3.5 Pumps.**
Pumps shall be rated for the transport of potable water. Pumps in an individual water supply system shall be constructed and installed so as to prevent contamination from entering a potable water supply through the pump units. Pumps shall be sealed to the well casing or covered with a water-tight seal. Pumps shall be designed to maintain a prime and installed such that ready *access* is provided to the pump parts of the entire assembly for repairs.

**602.3.5.1 Pump enclosure.**
The pump room or enclosure around a well pump shall be drained and protected from freezing by heating or other *approved* means. Where pumps are installed in basements, such pumps shall be mounted on a block or shelf not less than 18 inches (457 mm) above the basement floor. Well pits shall be prohibited.