

# GEW165-14

## 705.1

**Proponent:** Anthony Apfelbeck, City of Altamonte Springs, FL, representing City of Altamonte Springs (ACApfelbeck@altamonte.org)

**Revise as follows:**

**705.1 Metering.** Water consumed from any source associated with the building or building site shall be metered. Each potable and reclaimed source of water, and each onsite nonpotable water source, shall be metered separately. Meters shall be installed in accordance with the requirements of the *International Plumbing Code*. For the purposes of Section 705.1.1, each meter identified in Table 705.1.1 shall be capable of communicating water consumption data remotely and at a minimum, be capable of providing daily data with electronic data storage and reporting capability that can produce reports that show daily, monthly, and annual water consumption.

**Exception:** Fire sprinkler systems installed in accordance with Section 903.3 of the International Fire Code shall not be required to be metered.

**Reason:** The metering of fire sprinkler systems is an unnecessary cost as these systems only flow water in an emergency. Water is not "consumed" by the fire sprinkler system as a normal course of operations and, therefore, a straight reading of 705.1 would not require metering under the core code provision. In fact, metering of these systems can significantly impact the water supply available for the sprinkler system and create further cost impacts as a result of the need to increase pipe sizes due to the unnecessary meter loss. This language clarifies that there is no need to meter these systems.

**Cost Impact:** Will not increase the cost of construction.

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