

SECTION 17 – IRRIGATION SYSTEMS [Revised 2/01/05, 01/01/06]

17-01 General

The Authority recognizes that the installation of a well-designed and maintained underground irrigation system can minimize the quantity of water applied to landscapes by delivering water to exactly where it is needed at a time when water is least likely to be lost to evaporation and during non-peak usage hours. To ensure safety and efficiency all irrigation systems shall have an operational backflow device and rain sensor (per Section 8-Cross-Connection and Backflow Prevention and Section 17-02-Rain Sensors, of these Rules and Regulations).

All irrigation systems installed after January 1, 2006 shall be served by a dedicated service connection. The Authority will make all connections to its water mains and will specify the location, kind, and quality of all materials entering into the service connection, as per Section 7-Application for Services and Section 10-Meters, of these Rules and Regulations.

A. Water Emergencies.

Meters serving irrigation systems are subject to discontinuance of service during a water emergency declared by the Authority.

B. Willful Waste of Water.

The Authority reserves the right to discontinue water service to any customer after five days notice upon the willful or wasteful use of water. Willful and wasteful use of water includes, but is not limited to direct watering of impervious surfaces such as sidewalks and streets or over-watering to the extent that soils can no longer absorb water.

17-02 Rain Sensors

A. Required installation

Rain sensors shall be installed on all irrigation systems that will receive water from the Authority.

B. Required maintenance

All rain sensors shall be adjusted and set so that they automatically shut-off the irrigation system in response to one-fourth (1/4) inch of rainfall. All rain sensors shall be installed according to manufacturer's instructions in a location that will provided full exposure to rainfall such that accuracy of operation is assured and shall be maintained in good working condition. No person shall with the intent of circumventing the purpose of this section, adjust either the rain sensor or irrigation system so that the rain sensor is not able to override and turn-off the irrigation system in response to one-fourth (1/4) inch of rainfall.

C. Responsibility of owner for inspection

The Executive Director or his designated agent may require the owner, or designated agent, of any premises where rain sensors are installed to inspect these devices to insure that they are installed and maintained to turn-off the irrigation system in response to one-fourth (1/4) inch of rainfall. Results of such tests shall be sent to the Executive Director. The devices shall be tested, repaired, overhauled or replaced as required at the expense of the water user.

D. Violations

The Executive Director or his designated agent shall notify the owner, or authorized agent of the owner, of any premises on which there is found a violation of these rules and regulations, of such violation. Such notice shall be in writing and shall set a reasonable time for the owner to have the violation corrected. The irrigation system shall not be operated until such time as the violation is corrected. The Executive Director may terminate or deny water service to any premises where the irrigation system continues to be operated without the correction of noted defects.