



## Landscape Irrigation Policy Effective January 1, 2009

Registered Landscape Irrigators are required to submit landscape irrigation plans for review prior to obtaining a permit.

Irrigation in Texas is regulated by the Texas Commission on Environmental Quality (TCEQ) (MC-178), P.O. Box 13087, Austin, Texas 78711-3087. [www.tceq.state.tx.us](http://www.tceq.state.tx.us).

### For the Licensed Irrigator

Two (2) sets of irrigation plans that conform to TCEQ 344.63 shall be submitted for review and permitting. Irrigation plans shall have a minimum font size of 3/32", a maximum drawing sheet size of 36" x 48".

The irrigation plan must include the following:

- 1) Licensed Irrigator's seal, signature, and date of signing;
- 2) All major physical features and limits of irrigated areas;
- 3) Legend, Specified Scale, North Arrow;
- 4) The zone flow measurement for each zone;
- 5) Location and type of each: controller;
- 6) Location, type, and size of each:
  - a. Water source (water meter, etc) and points of connection;
  - b. Type and location of backflow prevention device;
  - c. Required rain and freeze sensor;
  - d. Water emission device, including, but not limited to, spray heads, rotary ,sprinkler heads, quick-couplers, bubblers, drip, or micro-sprays;
  - e. Valves, including, but not limited to, zone valves, master valves, and isolation valves\*;
  - f. Pressure regulation component;
  - g. Main line and lateral piping, (location and pipe sizing);
  - h. Required y-type strainer installed on inlet side of double check valve.

\* Location of required isolation valve (344.62(k) and master control valve (344.62 (h), installation of these valves will require access.

Note: Connection to potable water supply and the installation of a backflow device shall not be installed not more than three (3) feet from the water line and installed on the property being served by the system. No backflow device will be installed in the parkway.

Note: All items above will be included in the *plan review* and inspection processes.

### For the Irrigation System Owner

Upon completion of the irrigation system, the irrigator shall be required to complete the following four items:

- 1) A final "walk through" with the irrigation system's owner to explain the operation of the system;

- 2) A maintenance checklist that shall include:
  - The manufacturer's manual for the controller
  - A seasonal watering schedule
  - A list of components that require maintenance and recommended frequency of the maintenance.
  - The statement:
 

*"This irrigation system has been installed in accordance with all applicable state and local laws, ordinances, rules, regulations or orders. I have tested the system and determined that it has been installed according to the Irrigation Plan and is properly adjusted for the most efficient application of water at this time."*
  - The owner's signature.
- 3) A permanent waterproof sticker which contains the irrigator's name, license number, company name, telephone number and the dates of the warranty period shall be affixed to each automatic controller installed by the irrigator.
- 4) The irrigation plan indicating the actual installation of the system must be provided to the owner.

For more information contact Texas Commission on Environmental Quality.

[http://www.tceq.state.tx.us/nav/compliance/land\\_irrigate.html](http://www.tceq.state.tx.us/nav/compliance/land_irrigate.html).

### Building Code References

Chapter 52: Water and Sewer Services

Sec. 52.093-Landscape Management (ord. 2968-4/15/05)

Chapter 56: Cross Connection Control and Prevention

Sec. 56.19-Compliance for lawn irrigation (ord.2305-1-27-98)

Chapter 92: Nuisances

Sec. 92.60-Causing Hazardous conditions or ice to form on streets and alleys (ord. 2803, passed 5-20-03)

Chapter 150: 2006 International Plumbing Code

(Ord. 3181-11-6-07)

Chapter 150: 2006 International Residential Code

(Ord. 3181-11-6-07)

### Permitting fees

\$75.00 permit fee\* for each irrigation system connected to a domestic water supply.

\*Permit fees will be updated in June 2009.

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