

Irrigation Systems INTERPRETATION MANUAL



CODE: Irrigation Inspection Process (1of 2)

DATE:

CODE REF:

12/1/2008

SUBJECT: 1 Step Inspection Process

Question: How will irrigation systems be inspected starting January 1, 2009?

Answer: The irrigator must make application for an irrigation permit and submit 2 set of irrigation plans for review. The project may not be started before the completion of plan review and issuance of an irrigation permit. Every effort will be taken to complete the plan review within no more than three (3) business days. The effectiveness of this process may be enhanced by the irrigation plan and application being submitted to the district office which covers the area where the irrigation system is to be installed, but application and plans may be submitted at any permit center location. Irrigation Inspector will review plans and when complete the irrigation inspector will notify the irrigator that their plans are ready and the irrigator may pick up plans and permit.

Inspection must be requested the day before or must be called in before 7:00 am for same day inspection. Irrigator may call between the hours of 7:30am and 8:30am to request an approximate arrival time of the irrigation inspector for the inspection. It will be necessary for the irrigator and or his or her designated representative present during the inspection. The irrigation inspector will provide the irrigator with a two (2) hour window as to when the irrigator inspector may make the inspection or the irrigator simply may wait upon the arrival of the inspector. The permit that is issued for the project will have the inspector name and telephone number.

The following items shall apply to the irrigation inspection:

1. All required valve boxes shall be installed, the lid of the valve box shall be left open until approved by the code official.
2. Piping and valves including isolation, wye-strainer, and backflow preventer, master valve shall be left uncovered from the point of connection to a point of five (5) feet down stream of the master valve and pressurized.
3. All wiring splices shall be left uncovered or if there are no splices wiring may be covered to a point within 3 ft any valves.(see item 4)
4. All valves (zone and master valves shall not be concealed for a space of three (3) feet up and down stream of the valve. Including the piping connections to the valve.
5. The last emission device with the greatest developed length from the potable water source shall be left exposed for a distance of three (3) feet for inspection and testing.

OptionButton1 (see reverse side)



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6. In addition to verifying that the system meets all minimum requirements of the City of Dallas Appendix J and TCEQ Chapter 344 rules and COD irrigation ordinance the irrigation inspector shall:
 - a. Verify the backflow prevention device has been tested and collect Backflow Device test report. The Backflow test report shall be given to the irrigation inspector. A Final inspection may not be completed until verification of receipt of the test report. If backflow test report is not presented at the time of final inspection a re-inspection fee may be assessed.
 - b. System "walk through" Licensed irrigator or his/her designated representative shall conduct an operational demonstration in the presence of the Irrigation Inspector. The operational demonstration shall include the operation of all stations contained within the irrigation system.
 - c. Any variances from the approved plan are indicated on the plan in RED ink and does not violate any ordinances of the City of Dallas or TCEQ
 - d. Irrigation contractor's shall complete a Certificate of Completion form and shall be given to the Irrigation Inspector prior to issuance of a final inspection.
 - e. Acceptance of the installation of an irrigation system shall be identified by the issuance of a green tag.

SIGNATURE: *Lonnie Erwin,*
Chief Plumbing and Mechanical Inspector
City of Dallas