



**City of Coppel**  
**Building Inspections Dept.**  
500 Southwestern Blvd.  
Coppell, TX 75019

Phone: (972) 304-3500  
Automated inspections scheduling: (972) 304-3518  
Fax: (972) 304-3514

## **IRRIGATION CONSTRUCTION REQUIREMENTS**

Submittal requirements for work being performed in all categories:

- A completed and signed permit application.
- All general contractors and subcontractors must be registered with the City.

**Lawn sprinkler/irrigation system:** All irrigators must be licensed and registered to install irrigation systems in Coppel. However, homeowners wishing to install their own lawn sprinkler systems may do so, but they must obtain a permit and required inspections.

- Beginning January 1, 2009, all landscape irrigators performing residential irrigation work within the City of Coppel must provide an irrigation plan, sealed by a licensed landscape irrigator, certifying that the irrigation system being installed meets all the requirements of the new TCEQ rules. To read the TCEQ rule, please click on this link:

[http://info.sos.state.tx.us/pls/pub/readtac\\$ext.ViewTAC?tac\\_view=4&ti=30&pt=1&ch=344](http://info.sos.state.tx.us/pls/pub/readtac$ext.ViewTAC?tac_view=4&ti=30&pt=1&ch=344)

All inspections must be scheduled on-line or called in on the recorder. Website:

<http://webpermits.coppelltx.gov/impactwebclients/permits/permitting.aspx>

The recorder number is 972-304-3518. Same day inspections will be performed for all inspections received before 7 a.m. each weekday.

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1. All irrigators, installers, and irrigation technicians must comply with the rules set forth by TCEQ (Texas Commission on Environmental Quality).
  2. Any irrigation company performing work within the City of Coppel must have a person holding a valid 'irrigation license' register with the City of Coppel.
  3. A permit must be obtained prior to beginning irrigation work. The permit and two sets of plans are required for all commercial and residential irrigation systems. Plans must include TCEQ recommendations in Section 344.61.
  4. All new automatically controlled irrigation systems must include sensors or other technology designed to inhibit or interrupt operation of the irrigation system during periods of moisture or rainfall and prevent

operation during freezing weather.

5. A residential homeowner is not required to be licensed if he or she is performing irrigation work on their own property. However, a licensed plumber or irrigator must make any connection to the city water supply.
6. A licensed irrigator (mandatory after January 1, 2010) or irrigation technician, and a copy of the 'sealed' irrigation plans, must be on the job site while work is active.
7. A double check valve must be installed within 5 feet (5') of the tie-in to the water supply line. There must be at least 2 inches (2") of pea gravel in the bottom of the double check valve box. There must be a 6-inch (6") clearance between the bottom of the valve and the pea gravel and a 6-inch (6") clearance between the test cocks and the side of the box. The top of the box must be at the same grade as the surrounding ground.
8. Texas State Law requires a backflow testing upon installation of a sprinkler system. In compliance with this law, the Building Inspections Department of the City of Coppell requires the submittal of the necessary paperwork by a certified backflow tester.
9. A box lid must be removed or be inverted for accessibility by the irrigation contractor prior to calling for inspection.
10. Upon completion of the irrigation system, the irrigator or irrigator technician who provided supervision for the on-site installation will be required to:
  - a. Complete a final "walk-through" with the irrigation system's owner or owner's representative to explain the operation of the system.
  - b. Submit a letter to the City stating the irrigation system has been completed and tested, including the dates and times.
  - c. Provide a permanent sticker listing the irrigator's name, license number, company name, telephone number and the dates of the warranty period, to be affixed to each automatic controller installed by the irrigator or irrigation technician. If the irrigation system is manual, the sticker must be affixed to the original maintenance checklist. The information contained on the sticker, as follows, must be printed with waterproof ink:

"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.

\_\_\_\_\_ (irrigator's name)  
\_\_\_\_\_ (state license number)  
\_\_\_\_\_ (company name)  
\_\_\_\_\_ (telephone number)  
\_\_\_\_\_ (dates of warranty period)
  - d. Provide an irrigation plan, indicating the actual installation of the system, to the irrigation system's owner or owner's representative.
11. Office hours for inspectors are typically from 7:30 to 9:00 a.m. and from 4:00 to 4:30 p.m. The office telephone is (972) 304-3500. Extenuating circumstances may vary the hours that the inspectors are in the field.