



CITY OF SELMA, TEXAS
Irrigation Information

Changes from previous revision are in italics or struck through

EEPOL-14 Rev . Y110613

Selma, Texas, located in Bexar, Comal, and Guadalupe Counties

Responsible party: Larry Verner, P.E.
Staff Engineer
City of Selma
9375 Corporate Drive
Selma, Texas 78154
Ph. (210) 651-7828
lverner@ci.selma.tx.us

City Administrator: Ken Roberts, CPM

Revision: Original Issue	Date: 5/07/09	By: L. Verner
Revision: Y100701	Date: 7/01/10	By: L. Verner / T. McDonald
Revision: Y110613	Date: 06/13/11	By: T. McDonald

General Information

Permit Applications can be obtained at the Selma Municipal Complex, 9375 Corporate Drive, Selma Texas, 78154. Please provide your Irrigator's License issued by the TCEQ and have your insurance agency fax a Certificate of General Liability insurance naming the City of Selma, at the address previously named, as the certificate holder. *Permit fees are calculated at \$70 for the first \$1000 of valuation plus \$1.25 for each additional \$100 or fraction thereof.*

Licensing Requirements

Contractors installing irrigation systems must be licensed with the TCEQ. Operator numbers and proof of license will be requested during the permitting stage. Backflow preventer installation must be performed and tested by a technician licensed by the TCEQ.

Homeowners installing irrigations systems at their own house are not required to be licensed with the TCEQ; however, the backflow preventer must be installed and tested by a licensed backflow technician and they must pull their own permit for their portion of the work. The irrigation system must meet the minimum state requirements listed below :



CITY OF SELMA, TEXAS
Irrigation Information

Changes from previous revision are in italics or struck through

EEPOL-14 Rev . Y110613

1. Sprinkler heads must be installed according to the manufacturer's installation instructions;
2. The supply water pressure of the irrigation system should not be below or above the maximum of the manufacturer's specifications for the equipment being used;
3. Water must be sprayed only over landscaped area (no water should spray over impervious surfaces);
4. An automatic rain or moisture shutoff device must be installed;
5. An isolation valve must be installed to turn off the water in case your irrigations system needs maintenance;
6. Public Drinking Water rules require an appropriate backflow prevention device that must be installed and tested by a licensed backflow technician.

A copy of the manufacturer's instructions must be submitted to the City before a permit can be issued.

Irrigation Information

- An irrigation plan must be submitted for newly irrigation systems designed or installed showing physical features, boundaries, zone flow measurements for each zone, location/type/size of controllers, sensors, water source, backflow prevention device, water emission device, valves, pressure regulation component, main line & lateral piping, and design pressure. The plan should also include the irrigator's seal, signature below the seal, dated sealed, north arrow, legend, and scale used. A copy of the plan must be made available on-site; if applicable, a copy of the as-built plans must be submitted to the Permit & Inspections Office as well
- Trench minimum 8 inches
- All pipe bedded in a minimum of 2" of clean material relatively free of rocks
- Minimum 5" cover
- Sleeving under sidewalks or driveways is required
- Install a rain sensor
- Backflow Prevention installed according to the 2006 IPC, Section 608.16.5



CITY OF SELMA, TEXAS
Irrigation Information

Changes from previous revision are in italics or struck through

EEPOL-14 Rev . Y110613

-
- If a double check valve is installed below ground: test clocks must be plugged (except during testing); test clock plugs must be threaded, water-tight, and made of non-ferrous material; a y-type strainer is installed on the inlet side of the double check valve; adequate clearance between fill material and the bottom and sides of the double check valve to allow space to testing and repairing

Inspection requirements:

- Trenches may be closed with the exception of 5-6 heads and the back flow trench
- Plans must be available for the inspector and any changes should be noted in red.
- Test report for the back flow prevention device. Insert the test results into a zip-lock bag and place in back flow box for the City inspector.
- Inspections will be graded on the grounds that everything must be installed and completed. The only task that should be left is backfilling.

Call for Inspection: (210) 651-7859 or 651-7827 **BEFORE NOON** to schedule inspection for the next business day. Failure to call-in inspections could result in a fine of up to \$500.

Reinspection Fees Schedule:

FIRST \$35.00

SECOND \$50.00

THIRD \$ 75.00