



LANDSCAPE IRRIGATION INFORMATION PACKET

An Irrigation permit is required before installation or alteration of any irrigation system. The irrigator will verify that the system meets all minimum requirements of TCEQ Chapter 344 rules and the City of Euless codes and ordinances.

The project may not be started before the issuance of an irrigation permit. Every effort will be taken to complete the plan review within five (5) business days. When the plan review is complete the City will notify the irrigator by phone or email of deficiencies or that the plans are approved for permit.

Inspection requests must be made by 8:00 pm the day prior to the requested inspection by calling IVR at (817) 685-1634. The irrigator may leave a voice message on the automated system requesting an approximate inspection time with a two (2) hour window. Every effort will be made to honor the request.

Permit shall remain posted in front window of property until the irrigation project is complete, paperwork has been filed, and final approval is granted by the irrigation inspector

The following items shall apply to the **IRRIGATION ROUGH INSPECTION** (Inspection Code 197):

- All installations shall have copper or pex from yard line tie-in to backflow assembly. No PVC Valves!
- No compression fittings may be installed from yard line tie-in to backflow assembly.
- Isolation valve shall be locking ball type.
- All required valve boxes shall be installed; the lid of the valve box shall be left open until approved by the irrigation inspector.
- Piping, valves, and all joints, including isolation, wye-strainer, backflow preventer and master valve shall be:
 - Located outside the right-of-way,
 - left uncovered from the point of connection to a point three (3') feet downstream from the master valve, AND
 - pressurized.
- All wiring shall be left uncovered if spliced, or if there are no splices covered to a point within three (3') feet of any valves.
- All valves (zone and master valves) shall be uncovered for a space of three (3') feet upstream and downstream of the valve, including the piping connections to the valve.
- 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.

The following items shall apply to the **IRRIGATION FINAL INSPECTION** (Inspection Code 198):

- Verify the backflow prevention assembly has been tested and collect the Backflow Assembly test report. The backflow test report shall be given to the irrigation inspector. A final inspection may not be completed until verification of the receipt of the test report. If the backflow test report is not presented at the time of final inspection, a re-inspection fee may be assessed.
- System walkthrough – A licensed irrigator or his/her designated representative shall conduct an operational demonstration in the presence of the irrigation inspector. The operation demonstration shall include the operation of all stations contained within the irrigation system.
- Any variances from the approved plan shall be reflected and indicated on the AS-BUILT plans in RED ink and show that they do not violate the ordinances of the City of Euless or TCEQ requirements.
- Irrigators and irrigation contractors shall complete a Certificate of Completion form which will be given to the irrigation inspector prior to the issuance of a final inspection.

Acceptance of the installation of an irrigation system shall be identified by the issuance of a green tag.

PERMIT AND INSPECTION FEES

- **Residential-(Single Family/Two-Family/Townhome)** Valuation calculated at \$1.00 per square foot of irrigated landscape.)

| TOTAL VALUATION | FEE |
|--------------------------------|---|
| \$1.00 to \$500.00 | \$45.00 |
| \$501.00 to \$2,000.00 | \$45.00 for the first \$500.00 plus \$3.00 for each additional \$100.00 or fraction thereof. |
| \$2,001.00 to \$25,000.00 | \$90.00 for the first \$2,000.00 plus \$15.00 for each additional \$1,000.00 or fraction thereof. |
| \$25,001.00 to \$50,000.00 | \$435.00 for the first \$25,000.00 plus \$10.00 for each additional \$1,000.00 or fraction thereof. |
| \$50,001.00 to \$100,000.00 | \$685.00 for the first \$50,000.00 plus \$7.00 for each additional \$1,000.00 or fraction thereof. |
| \$100,001.00 to \$500,000.00 | \$1,035.00 for the first \$100,000.00 plus \$3.00 for each additional \$1,000.00 or fraction thereof. |
| \$500,001.00 to \$1,000,000.00 | \$2,235.00 for the first \$500,000.00 plus \$2.00 for each additional \$1,000.00 or fraction thereof. |
| \$1,000,001.00 and up | \$3,235.00 for the first \$1,000,000.00 plus \$1.50 for each additional \$1,000.00 or fraction thereof. |

- **Commercial**-Fee calculated by valuation provided by cost estimates from the contractor.

| TOTAL VALUATION | FEE |
|--------------------------------|---|
| \$1.00 to \$500.00 | \$50.00 |
| \$501.00 to \$2,000.00 | \$50.00 for the first \$500.00 plus \$4.50 for each additional \$100.00 or fraction thereof. |
| \$2,001.00 to \$25,000.00 | \$110.00 for the first \$2,000.00 plus \$18.00 for each additional \$1,000.00 or fraction thereof. |
| \$25,001.00 to \$50,000.00 | \$520.00 for the first \$25,000.00 plus \$14.00 for each additional \$1,000.00 or fraction thereof. |
| \$50,001.00 to \$100,000.00 | \$900.00 for the first \$50,000.00 plus \$10.00 for each additional \$1,000.00 or fraction thereof. |
| \$100,001.00 to \$500,000.00 | \$1,500.00 for the first \$100,000.00 plus \$8.50 for each additional \$1,000.00 or fraction thereof. |
| \$500,001.00 to \$1,000,000.00 | \$4,900.00 for the first \$500,000.00 plus \$7.00 for each additional \$1,000.00 or fraction thereof. |
| \$1,000,001.00 and up | \$8,400.00 for the first \$1,000,000.00 plus \$6.00 for each additional \$1,000.00 or fraction thereof. |

IRRIGATION PLANS CHECKLIST

This information is required on all plan submittals OR on this form.

Description

- Two (2) complete sets of irrigation plans with:
 - o 10 pt. font size minimum
 - o 11"X17" sheet size minimum
- Plan scale identified: _____
- Irrigation Seal/Date/Signature: _____
 - o Property Owner Name: _____
 - o Contractor Name: _____
- Property features/improvements/boundaries identified
- North Arrow
- Legend indentifying all icons used within plan
- Stations/Emissions Devices identified:

| Station | Location | GPM | Type | MFG | Quantity |
|---------|----------|-----|------|-----|----------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |

- Controller:

| Controller # | Location | Type/MFG | Size |
|--------------|----------|----------|------|
| | | | |
| | | | |
| | | | |

- Sensor:

| Type | Location | Type/MFG |
|--------|----------|----------|
| Rain | | |
| Freeze | | |

| | |
|--|--|
| Water Source: | |
| <input type="checkbox"/> Domestic Supply Meter | |
| <input type="checkbox"/> Irrigation Meter – Size: _____ | |
| Backflow Prevention Device: | |
| <input type="checkbox"/> Location (Ten (10') Feet from back of curb minimum) | |
| <input type="checkbox"/> Type | |
| <input type="checkbox"/> Manufacturer | |
| | |
| | |

Irrigation Requirements

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Water Source/Irrigation Meter

- Size: _____

Backflow Prevention Device

- Location (Ten (10') feet from back of curb minimum)
- Type
- Manufacturer

Design Pressure

- PSI

Valves

- Isolation (Ten (10') feet from back of curb minimum)
- Y-Strainer
- Master

Pressure Regulator Required (If applicable)

- Yes No

Main Line

- Material Type: _____
- Size: _____

Lateral Lines

- Material Type: _____
- Size: _____

Electrical Supplies

- Number _____

| # | Information and Location |
|---|--------------------------|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |



201 N. Ector Dr. Euless, TX 76039
Phone: 817-685-1630
Fax: 817-685-1628
Email: permits@eulesstx.gov

APPLICATION FOR LAWN SPRINKLER PERMIT
(ALL SYSTEMS SHALL HAVE RAIN & FREEZE PROTECTION)
(BACKFLOW CERTIFICATION IS REQUIRED BEFORE INSPECTION)

Job Address: _____

Contractor Name: _____

Contractor Address _____

City and state: _____ Zip: _____

Email Address: _____ Phone: _____

LAWN SPRINKLER SYSTEM

Commercial System - Value of work: \$ _____ (fee based on total value)

Residential System – Total Square Footage Irrigated _____ (fee based on valuation of \$1.00 per sqft)

Does this construction project have an excavation depth in excess of 5 feet? Yes No
If yes, detailed plans and specification of the project signed and sealed by a registered engineer or architect that meet OSHA standards must be submitted.

I hereby certify that the foregoing is complete and correct to the best of my knowledge and that the said work will be done in conformance with the City of Euless codes and ordinances and State Law.

SIGNED: _____
OWNER OR CONTRACTOR PRINT NAME CLEARLY

FOR OFFICE USE ONLY

| | |
|---------------------------|-----------------------------------|
| Date Paid: | Permit #: |
| Plan Review Fee: \$100.00 | Date Entered: |
| Permit Fee: \$ | By: |
| Total Due: \$ | Notified contractor permit ready: |

Comments to Print on Permit: _____