

Irrigation System Permit Submittal

Definition: Irrigation (Wikipedia): The practice of applying controlled amounts of water to land by means of pipes, sprinklers, or other man-made means to help grow crops, landscape plants, and lawns.

Please submit the following documentation thru our [online permitting portal](#) to apply for an irrigation system:

Required Submittal Documents:

ENERGOV SUBMITTAL TYPE: IRRIGATION

1. **OSSF permit from Collin County Development Services (CCDS):** required if property has septic.
2. **Construction Plan (drawn to scale)** in compliance with TCEQ regulations (TAC Title 30 Ch 344.61)
 - Legible and valid irrigator's seal, signature, date signed and license number.
 - All major physical features and the boundaries of area to be watered
 - North Arrow
 - Legend
 - Scale
 - Zone flow measurements for each irrigation zone
 - Location and type:
 - controller(s)
 - sensor (for example, but not limited to, rain, moisture, wind, flow, or freeze)
 - Location, type, and size:
 - each water source (such as, but not limited to, a water meter and points of connection)
 - backflow prevention assembly
 - water emission devices (including, but not limited to, spray heads, rotary sprinkler heads, quick-couplers, bubblers, drip, or micro-sprays)
 - valves (including, but not limited to, zone valves, master valves, and isolation valves)
 - pressure regulation components; and
 - mainline and lateral piping.
 - Scale used
 - Design Pressure Calculation indicating operating pressure with total pressure losses to the water source. Provide hydraulic calculations indicating pressure at largest and furthest zones from the water source.

Specific Requirements:

1. Quick connect coupling valves require an RPZ.
2. All required landscaping shall be irrigated.
3. RPZ required for septic or on-site well to avoid cross contamination.

Reference Documents (as applicable):

- [Irrigation Ordinance](#)