



# City of Evans Community Development Irrigation Plan Guide

The following materials are needed for an Irrigation Plan, as required for select land use applications.

1. Irrigation Plan must be completed by a relevant professional.
2. Irrigation Plan must be submitted on white paper that is 8 ½ x 11” in size and in .pdf format.
3. User information including name of entity; legally responsible person’s name; address; telephone number; email address; and site address.
4. A written narrative describing the proposed Irrigation Plan, including the following items. The applicant may reference and include other plans or documents as appropriate to address the following:
  - a. The State what property type will be irrigated.
  - b. Identify water source type/s.
  - c. Calculations for the following regarding water use:
    - i. Proposed amount of water dedicated toward this project.
    - ii. Proposed estimated peak water demand with flow in gallons per minute (gpm) and total volume in gallons per day (gpd).
  - d. Location of Point of Connection (POC).
  - e. Cut sheet/details of the equipment/product proposed. Include cutsheet/construction detail of the valves and heads and pipe installation.
  - f. Provide the location of the backflow prevention device on the irrigation system. Understanding that a backflow prevention device on the irrigation system is required and is independent of the whole property backflow device that is required on all commercial properties.
  - g. Include cutsheet/construction detail of backflow device intended to be used with a visible airgap identified if non-potable water will be used in the system or if it is a dual water source irrigation system.
  - h. Ensure head-to-head coverage on irrigation spray heads.
  - i. Detail of tree irrigation rings and shrub bed driplines.
  - j. A summary of how this project meets current best practices for water efficient irrigation. These best practices may be referenced from The Alliance for Water Efficiency WaterSmart Guidebook or other reputable water efficient best practices guidelines.