

Windsor Engineering Dept. Submittal Requirements for Non-Potable Irrigation System

- 1) Comply with the Town of Windsor Minimum Standards for Non-Potable Irrigation and Distribution Systems.
- 2) Provide a design report including the following:
 - a) Calculations to determine irrigation demand.
 - b) Information on existing and proposed water rights that will be used to supply the non-potable system.
 - c) Analysis of supply conditions in low water years.
 - d) Irrigation supply ditch diversion records for the past 50 years.
 - e) Analysis of how spring and fall water demands will be met when the irrigation supply ditch is not operating.
 - f) Identify who will own and operate the system.
 - g) Identify how the system will be winterized.
 - h) Identify whether meters will be installed on the system and what type.
The Town strongly recommends meters on all taps.
- 3) Include design drawings for the pump station in the improvement plans.
- 4) Include the design of the non-potable irrigation system in the improvement plans with:
 - a) Distribution main locations and pipe sizes shown.
 - b) Type of pipe called out. Use C900 DR18, colored purple, for all lines with a minimum 14 gage tracer wire.
 - c) Show details of service line locations and configurations.