

332000 Wells

Sections Included In This Standard:

- 1.1 Water Wells
- 1.2 Metering

1.1 WATER WELLS

- A. GENERAL: The University possesses a Consumptive Use Permit (CUP #1671) from the St. Johns River Water Management District (SJRWMD) that allows consumptive use of both groundwater from on-campus wells and surface water from Bivan's Arm. Although the University uses this water for several different purposes, the major use is for irrigation.
- B. PERMITTING: Consult with the PPD A/E Department and obtain written permission prior to proceeding with any plans for installing new water wells on the University of Florida Campus. The PPD A/E Department shall provide guidance regarding the applicable SJRWMD permitting requirements and any associated University procedures.
- C. INSTALLATION REQUIREMENTS: Installation requirements for new wells include, but are not limited to, the following:
 - 1. Well Driller Licensing: The well driller must be properly licensed in the State of Florida.
 - 2. Well Construction Permit: The well driller shall obtain a well construction permit from the SJRWMD prior to construction.
 - 3. Backflow Prevention for Wells: Refer to Section 331000.
- D. REFERENCE MATERIALS: Copies of the University's permit from the SJRWMD for the consumptive use of surface and ground water (CUP#1671) and other relevant information pertaining to the University's existing water wells, such as size, depth, locations, use, etc., can be obtained from the PPD A/E Department.

1.2 METERING

- A. GENERAL: The University's Consumptive Use Permit for surface and groundwater consumption from the St. Johns River Water Management District requires the University to install in-line totalizing flow meters on all withdrawal points. Consult with the PPD A/E Department regarding these requirements prior to planning or installing any new withdrawal points of surface or groundwater. The PPD A/E Department shall provide guidance regarding any applicable SJRWMD permitting requirements and any associated University procedures.
- B. METERS
 - 1. New wells must be equipped with an approved totalizing flow meter for the purpose of reporting monthly consumption to the SJRWMD.
 - 2. Meters should be preceded by a straight section of pipe at least 10 times the pipe diameter before the meter and followed by a straight section of pipe five times the pipe diameter to allow for accurate flow measurements. Pipe sections shall be easily accessible for meter calibration requirements.

END OF SECTION