

§ 806.25 Water conservation standards.

Any project sponsor whose project is subject to Commission approval under this part proposing to withdraw water either directly or indirectly (through another user) from groundwater or surface water sources, or both, shall comply with the following requirements:

(a) *Public water supply.* As circumstances warrant, a project sponsor of a public water supply shall:

(1) Reduce distribution system losses to a level not exceeding 20 percent of the gross withdrawal.

(2) Install meters for all users.

(3) Establish a program of water conservation that will:

(i) Require installation of water conservation devices, as applicable, by all classes of users.

(ii) Prepare and distribute literature to customers describing available water conservation techniques.

(iii) Implement a water pricing structure which encourages conservation.

(iv) Encourage water reuse.

(b) *Industrial.* Project sponsors who use water for industrial purposes shall:

(1) Designate a company representative to manage plant water use.

(2) Install meters or other suitable devices or utilize acceptable flow measuring methods for accurate determination of water use by various parts of the company operation.

(3) Install flow control devices which match the needs of the equipment being used for production.

(4) Evaluate and utilize applicable recirculation and reuse practices.

(c) *Irrigation.* Project sponsors who use water for irrigation purposes shall utilize irrigation systems properly designed for the sponsor's respective soil characteristics, topography and vegetation.

(d) *Effective date.* Notwithstanding the effective date for other portions of this part, this section shall apply to all groundwater and surface water withdrawals initiated on or after January 11, 1979.

Subpart D—Terms and Conditions of Approval**§ 806.30 Monitoring.**

The Commission, as part of the project review, shall evaluate the proposed methodology for monitoring consumptive uses, water withdrawals and mitigating flows, including flow metering devices, stream gages, and other facilities used to measure the withdrawals or consumptive use of the project or the rate of stream flow. If the Commission determines that additional flow measuring, metering or monitoring devices are required, these shall be provided at the expense of the project sponsor, installed in accordance with a schedule set by the Commission, be accurate to within 5 percent, and shall be subject to inspection by the Commission at any time.

(a) Project sponsors of projects that are approved under this part shall:

(1) Measure and record on a daily basis, or such other frequency as may be approved by the Commission, the quantity of all withdrawals, using meters or other methods approved by the Commission.

(2) Certify, at the time of installation and no less frequently than once every 5 years, the accuracy of all measuring devices and methods to within 5 percent of actual flow, unless specified otherwise by the Commission.

(3) Maintain metering or other approved methods so as to provide a continuous, accurate record of the withdrawal or consumptive use.

(4) Measure groundwater levels in all approved production wells, as specified by the Commission.

(5) Measure groundwater levels at additional monitoring locations, as specified by the Commission.

(6) Measure water levels in surface storage facilities, as specified by the Commission.

(7) Measure stream flows, passby flows or conservation releases, as specified by the Commission, using methods and at frequencies approved by the Commission.

(b) *Reporting.* (1) Project sponsors whose projects are approved under this section shall report to the Commission on a quarterly basis on forms and in a manner prescribed by the Commission