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period. The applicant shall implement the program(s) immediately upon Commission approval. If after the three-year period the program(s) is deemed successful by the Commission, the docket or permit duration may be extended for up to 10 years. The project sponsor shall be required to continue the program(s) for the duration of the docket or permit.

(1) A conjunctive use program that demonstrates the applicant's capability to obtain at least 15 percent of its average annual system usage from a reliable surface water supply. An acceptable program shall include either reservoir storage or an interconnection with a surface water supplier and an agreement or contract to purchase water from the supplier for the duration of the docket or permit.

(2) A water conservation program that exceeds the requirements of § 430.15. For existing water utilities, the program shall reduce average annual per capita water usage by at least five percent. All conservation programs shall include water conservation pricing, either inclining block rates, seasonal rates, or excess-use surcharges, and plumbing fixture rebate or retrofit components. For self-supplied users, the program shall include water efficient technologies such as recycling, reuse, xeriscaping, drip or micro irrigation, or other innovative technology approved by the Commission.

(3) A program to monitor and control ground water infiltration to the receiving sewer system. The program must quantify ground water infiltration to the system and document reductions in infiltration. The program should include such measures as leakage surveys of sewer mains, metering of sewer flows in mains and interceptors, analysis of sewer system flows to quantify infiltration, and remedial measures such as repair of leaks and joints, main lining, and main replacement.

(4) An artificial recharge or spray irrigation program that demonstrates a return of at least 60 percent of the total new or expanded annual withdrawal to the same ground water basin and aquifer system from which it is withdrawn. The program shall not impair ground water quality.

(5) An alternative program approved by the Commission to mitigate the adverse impacts of the new or expanded ground water withdrawal.

(l) The durations of all existing dockets and protected area permits may be extended by the Commission for an additional five years if the docket or permit holder successfully implements in either (k)(1) or (k)(2) of this section. If the docket or permit holder successfully implements both options, the docket or permit may be extended for an additional ten years. The Executive Director shall notify all docket and permit holders potentially affected by this resolution of their right to file an application to determine their eligibility for extension.

(m) It is the policy of the Commission to prevent, to the extent reasonably possible, net annual ground water withdrawals from exceeding the maximum withdrawal limit. An application for a proposed new or expanded ground water withdrawal that would result in net annual ground water withdrawals exceeding the maximum withdrawal limit established in paragraph (i)(3) of this section shall set forth the applicant's proposal for complying with the Commission's policy, with such supporting documentation as may be required by the Executive Director. Notification of the application shall be given to all affected existing water users who may also submit comments or recommendations for consideration by the Commission on the pending application. In taking action upon the application, the Commission shall give consideration to the submissions from the applicant and affected water users. If the Commission determines that it is in the public interest to do so, it may reduce the total of proposed and existing ground water withdrawals within a subbasin to a level at or below the withdrawal limit. Unless otherwise determined by the Commission, docket and permit holders shall share equitably in such reductions.

[46 FR 24, Jan. 2, 1981, as amended at 50 FR 5973, Feb. 13, 1985; 63 FR 6477, Feb. 9, 1998; 64 FR 35566, July 1, 1999]

§ 430.15 Conservation requirements.

The following conservation requirements shall apply to all existing, new

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or expanded ground water withdrawals for municipal, public, industrial or commercial water supply whose cumulative daily average withdrawal from one or more wells during any calendar month exceeds 10,000 gallons.

(a) Each person, firm, corporation or other entity withdrawing ground water within the Southeastern Pennsylvania Ground Water Protected Area for purposes of municipal or public water supply shall comply with the following conservation requirements:

(1) Water connections shall be metered, and water charges collected shall be based on metered usage.

(2) A water conservation program shall be initiated and diligently pursued within the service area of the municipal or public water supply. Such program shall include a program for leakage control providing for the monitoring, prevention and repair of significant leakage, and the provision of customer information relating to water-saving devices.

(3) Interconnections with adjacent water systems shall be considered to assure more reliable supplies of water during emergencies.

(4) A drought emergency plan specifying actions which would be taken to reduce demand and assure supplies to priority uses in the event of drought conditions shall be prepared in cooperation with the municipalities in the service area. The plan shall be filed with the Commission.

(b) Each person, firm, corporation or other entity withdrawing ground water within the Southeastern Pennsylvania Ground Water Protected Area for purposes of industrial or commercial water supply shall comply with the following conservation requirements:

(1) Opportunities for water conservation shall be investigated and all feasible conservation measures shall be implemented at the earliest practicable time.

(2) Water uses shall be monitored, and a systematic process shall be adopted and implemented to provide for the detection and expeditious correction of leakage.

(3) A drought emergency plan specifying the actions to be taken to reduce demand in the event of drought condi-

tions shall be prepared and filed with the Commission.

(c) Permits issued pursuant to these regulations shall be conditioned upon compliance with the requirements of this section.

§ 430.17 Registration of existing withdrawals.

(a) Existing users of ground water within the Southeastern Pennsylvania Ground Water Protected Area whose lawful use commenced prior to the effective date of this regulation, whose cumulative monthly average daily withdrawal from one or more wells exceeds 10,000 gallons and whose withdrawal has not previously been approved by DRBC, pursuant to section 3.8 of the Compact, shall, prior to July 1, 1981, register their use with the Pennsylvania Department of Environmental Resources acting as agent for the Commission. Registration is required as a condition for such existing users being eligible for the protection afforded by this regulation. Such registration shall include withdrawals from quarries that are not fed by surface streams.

(b) Registrations shall be filed on forms approved by the Executive Director of the Commission. Each registrant shall provide, without limitation thereto, the following:

(1) A description of the location, size and depth of each well and the pump facilities installed therein.

(2) The estimated quantity of water withdrawn from each well, or related group of wells, during each month of 1980.

(3) The purposes for which the water is withdrawn, its place of use, and the approximate quantity of water used for each purpose.

(4) The location and method of wastewater disposal and discharge.

(5) A registration fee of \$5 for each well.

§ 430.19 Ground water withdrawal metering, recording, and reporting.

(a) Each person, firm, corporation, or other entity whose cumulative daily average withdrawal of ground water from a well or group of wells operated as a system exceeds 10,000 gallons per day during any 30-day period shall