

Delaware River Basin Commission

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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

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meter or measure and record their withdrawals and report such withdrawals to the Pennsylvania Department of Environmental Resources. Withdrawals shall be measured by means of an automatic continuous recording device, flow meter, or other method, and shall be measured to within five percent of actual flow. Meters or other methods of measurement shall be subject to approval and inspection by the Pennsylvania Department of Environmental Resources as to type, method, installation, maintenance, calibration, reading, and accuracy. Withdrawals shall at a minimum be recorded on a daily basis for public water supply use and on a biweekly basis for all other water uses, and reported as monthly totals annually. More frequent recording or reporting may be required by the Pennsylvania Department of Environmental Resources or the Commission.

(b) The following water uses and operations are exempt from the metering or measurement requirements of paragraph (a): Agricultural irrigation; snowmaking; dewatering incidental to mining and quarrying; dewatering incidental to construction; and space heating or cooling uses that are exempt from permit requirements in § 430.13. Except for space heating and cooling uses described herein, persons engaged in such exempt withdrawals in excess of 10,000 gallons per day during any 30-day period shall record the pumping rates and the dates and elapsed hours of operation of any well or pump used to withdraw ground water, and report such information as required in paragraph (a). Space heating and cooling uses that are exempt from permit requirements in § 430.13 shall also be exempt from the requirement for recording and reporting.

(c) Pursuant to section 11.5 of the Compact, the Pennsylvania Department of Environmental Resources shall administer and enforce a program for metering, recording, and reporting ground-water withdrawals in accordance with this regulation.

(Delaware River Basin Compact, 75 Stat. 688)
[51 FR 25031, July 10, 1986]

18 CFR Ch. III (4-1-00 Edition)

§ 430.21 Protection of existing users.

(a) Protected area permits issued under this regulation for new or expanded withdrawals of ground water shall include conditions to protect the owners of existing wells in accordance with the provisions of this section.

(b) Any person, firm, corporation or other entity who commences a new or expanded withdrawal of ground water that is subject to the requirement of a protected area permit under this regulation shall provide mitigating measures if the withdrawal significantly affects or interferes with any existing well. Mitigation measures may consist of:

(1) Providing an alternative water supply, of adequate quantity and quality, to the effected well owner(s);

(2) Providing financial compensation to the affected well owner(s) sufficient to cover the costs of acquiring an alternative water supply of adequate quantity and quality; or

(3) Such other measures as the Commission shall determine to be just and equitable under the circumstances present in the case of any individual application.

[46 FR 24, Jan. 2, 1981. Redesignated at 51 FR 25031, July 10, 1986]

§ 430.23 Technical determinations and procedures.

(a) The radius to be considered in assessing the potential impact of a proposed new or expanded ground water withdrawal, as required by §§ 430.11 and 430.13 of this part shall be as follows:

Quantity of cumulative proposed withdrawal (gpd)	Radius from the proposed withdrawal to be considered (miles)
10,000 to 50,000	0.5
50,000 to 100,000	0.75
In excess of 100,000	1.0

(b) Ground water withdrawal limits, as defined in section 2.20.4 of the Water Code of the Delaware River Basin and § 430.9 of this part, shall be calculated on the basis of the average recharge rate to the basin, aquifer, or aquifer system during repetition of a period which includes the worst recorded drought.

(c) The requirement of paragraph (a) or (b) of this section may be modified