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a part. To assist in achieving this objective the Commission staff will periodically provide to the various interested governmental agencies and others Q 100 data as developed by the Delaware River Basin Commission Hydrology Coordinating Committee for key locations in the Delaware River Basin. These will be based on a Log Pearson Type 3 analysis of data from the U.S.G.S. gaging stations using station skew, regional skew, or weighted skew, depending on the scope of data at each station.

**§ 415.43 Mapped and unmapped delineations.**

(a) Whenever an official flood plain map providing the pertinent information is available with respect to a given project, the map shall be used for the delineation of the flood hazard area, floodway, flood fringe and determination of flood protection elevation.

(b) Whenever an official flood plain map providing the required information is not available with respect to a given project, the administrative agency shall require the project landowner to submit details concerning the proposed uses as needed to determine the floodway and flood fringe limits at the proposed site, including: cross-sections of the stream channel and overbanks, stream profile, and factors involved in determining obstructions to flow. From the data submitted, soil surveys, historic flood maps, high water marks and other empirical data, the applicant, subject to verification by the administrative agency, shall calculate flood hazard areas, and establish the flood protection elevation for the particular site.

(c) Pending the preparation and completion of flood plain mapping, a "general flood plain" area shall be prescribed by the administrative agency to delineate for public guidance the areal limits of site locations which are required to be submitted for review under this regulation.

**ENFORCEMENT**

**§ 415.50 General conditions.**

On and after January 1, 1978, where:

(a) The flood hazard at the site is clear, present and significant, or the

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local government having jurisdiction has special flood hazard areas identified pursuant to the National Flood Insurance Act; and

(b) The site is not subject to an approved state or municipal regulatory system having the same or similar effect on the flood hazard as this regulation, the Commission may condition its approval on any local governmental project under section 3.8 of the Compact upon the adoption and enforcement of flood plain regulations, approved hereunder, by the state or local government having jurisdiction.

**§ 415.51 Prior non-conforming structures.**

A structure which was lawful before the adoption of this regulation but which is not in conformity with the provisions hereof, shall be subject to the following conditions (to be enforced by the appropriate authority as to Class I and Class II projects, respectively, under §§ 415.40 through 415.43 of this part):

(a) A non-conforming structure in the floodway may not be expanded, except that it may be modified, altered or repaired to incorporate flood proofing measures provided such measures do not raise the level of the 100-year flood.

(b) A non-conforming structure in the floodway which is destroyed or damaged by any means, including a flood, to the extent of 50 percent or more of its market value at that time may not be restored, repaired, reconstructed or improved except in conformity with the provisions of these regulations.

**§ 415.52 Violations.**

Any violation of this regulation shall be subject to penalties imposed by the Compact.

**PART 420—BASIN REGULATIONS—  
WATER SUPPLY CHARGES**

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AUTHORITY: Delaware River Basin Compact, 75 Stat. 688.

SOURCE: 42 FR 13544, Mar. 11, 1977, unless otherwise noted.

### GENERAL

#### § 420.1 Definitions.

For the purposes of this part 420, except as otherwise required by the context:

*Person* means any person, corporation, partnership, association, trust, or other entity, public or private.

*Water user* means any person who uses, takes, withdraws or diverts surface waters within the Delaware River Basin.

*Executive Director* means the Executive Director of the Delaware River Basin Commission.

*Consumptive use* means the water lost due to transpiration from vegetation in the building of plant tissue, incorporated into products during their manufacture, lost to the atmosphere from cooling devices, evaporated from water surfaces, exported from the Delaware River Basin, or any other water use for which the water withdrawn is not returned to the surface waters of the basin undiminished in quantity.

### WATER SUPPLY POLICY

#### § 420.21 Policy.

The provisions of this part 420 implement Commission Resolution No. 71-4 (Comprehensive Plan) relating to water supply charges.

#### § 420.22 Prohibition; sanctions.

Any person, firm, corporation or other entity, including a public corporation, body or agency, who shall use, withdraw or divert surface waters of the basin, shall pay such charges therefor as may be required by this resolution. Any violation of this resolution shall be subject to penalty as prescribed under Article 14.17 of the Compact. The Commission may also recover the value (according to the established water pricing schedules of the Commission) of any such use, withdrawal or diversion, and invoke the jurisdiction of the courts to enjoin any further use, withdrawal or diversion, unless all charges under this resolution are paid in full when due.

#### § 420.23 Exempt uses under the Compact.

(a) Section 15.1(b) of the Delaware River Basin Compact provides that "no provision of section 3.7 of the Compact shall be deemed to authorize the Commission to impose any charge for water withdrawals or diversions from the basin if such withdrawals or diversions could lawfully have been made without charge on the effective date of the Compact; \* \* \*" In compliance with this provision: There shall be no charge for water withdrawn or diverted in quantities not exceeding the legal entitlement of the user, determined as of October 27, 1961. Each water user may submit proof satisfactory to the Commission of the factors constituting legal entitlement, as defined in paragraph (b) thereof. In the absence of such proof of these conditions as of October 27, 1961, the quantity of water exempt from charge to each user will be the legal entitlement of the user determined as of March 31, 1971.

(b) For the purposes of paragraph (a) of this section:

(1) *Legal entitlement* means the quantity or volume of water expressed in million gallons per month determined by the lesser of the following conditions:

(i) A valid and subsisting permit, issued under the authority of one of the signatory parties, if such permit was required as of October 27, 1961, or thereafter;

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(ii) Physical capability as required for such taking; or

(iii) The total allocable flow without augmentation by the Commission, using a seven-day, ten-year, low-flow criterion measured at the point of withdrawal or diversion.

(2) *Physical capability* means the capacity of pumps, water lines and appurtenances installed and operable, determined according to sound engineering principles. The physical capability specifically includes plant facilities actually using water, but excludes facilities which may have been installed in anticipation of future plant expansion not yet realized.

(c) Whenever adequate records of legal entitlement for agricultural irrigation purposes are not available to the Commission, such legal entitlement shall be measured by the maximum number of acres under irrigation by the water user at any time during the year ending March 31, 1971, allowing one acre-foot of surface water annually per acre irrigated.

(d) Notwithstanding the provisions of paragraphs (a), (b) and (c) of this section, there shall be no charge for water made available from storage where:

(1) The cost of the storage facility has or will be otherwise paid for by the user,

(2) Such storage controls a drainage area, and

(3) The use does not exceed the yield of such storage without augmentation from other surface water of the basin.

**§ 420.24 Effective date of rates.**

Rates and charges shall apply to all water users not exempt hereunder on and after the date of the first impoundment of water for water supply purposes at the Beltzville Reservoir (February 8, 1971), or the effective date hereof, whichever is later.

**ENTITLEMENT; MEASUREMENT; BILLING**

**§ 420.31 Certificate of entitlement.**

(a) The Executive Director will issue to each known water user a certificate of entitlement within 30 days after the effective date of these regulations subject to the provisions of paragraph (b). In addition, any other water user may apply for a certificate of entitlement

at any time. A preliminary notice of entitlement shall be issued to each user. Such entitlement shall become final and take effect, unless the user shall file with the Commission, within 20 days after the service of the notice of entitlement, a request for hearing by the Commission. At such hearing the water user may show cause why the proposed entitlement shall not take effect.

(b) The Executive Director shall schedule a hearing to be held not less than ten days after receipt of a request for a hearing by the Commission. Hearings shall be conducted and the results thereof subject to review in accordance with Article 5 of the Commission's rules of practice and procedure.

(c) A final certificate of entitlement will be issued either upon expiration of the time to request a hearing, where there has been no request, or in accordance with the determination of a hearing where one is held.

(d) *Limitations.* (1) A certificate of entitlement is granted to a specific user for water withdrawals or diversions at a specific facility in the amount of the Legal Entitlement as defined in § 420.23(b).

(2) A certificate of entitlement shall not be applied, transferred or modified to apply to a facility other than the facility initially specified in the certificate.

(3) A certificate of entitlement may not be transferred from the certificate holder to another user, except as provided in the exceptions set forth in paragraph (f) of this section.

(4) A certificate of entitlement does not exempt the certificate holder from paying water supply charges for any portion of water withdrawals or diversions used outside the facility specified in the certificate and any additional service area to which the facility supplied water as of October 27, 1961 or at the facility specified in the certificate by a user other than the certificate holder. For purposes of this paragraph (d)(4), a certificate holder claiming an exemption from charges for water supplied within a service area shall submit proof satisfactory to the Commission identifying the facility's service area as of October 27, 1961. In the absence of proof of the service area as of October

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27, 1961, the service area defined in the Commission docket, if any, for the facility in effect at the time the certificate was issued shall be deemed to be the facility's service area. In the absence of proof of a service area, the certificate shall only exempt the certificate holder from paying water supply charges for water used at the facility.

(e) *Termination of certificate.* (1) A certificate of entitlement terminates pursuant to this section and without the need for Commission action if at least one of the following occurs:

(i) The certificate holder dissolves or otherwise ceases to exist;

(ii) The certificate holder ceases the withdrawals or diversions at the facility to which the certificate of entitlement applies, or abandons the intake, provided that a shutdown of the facility for maintenance or improvement, or a replacement of the intake, that is performed at the earliest practicable commercially reasonable time following commencement of the shutdown or replacement, shall not be deemed to be a cessation of withdrawal or diversion;

(iii) The certificate holder through contract, lease or other agreement ceases to be the user or public water system supplier of the water withdrawn or diverted at the facility; or

(iv) There is a change in the ownership or control of the facility. Once terminated, a certificate of entitlement may not be reinstated or reissued.

(2) A change in ownership or control of the facility includes, but is not limited to, any transaction, acquisition, merger or event (collectively "transaction") resulting in at least one of the following:

(i) A transfer of title to the facility;

(ii) A person or entity or the shareholders or other owners of an entity becoming the beneficial owner, directly or indirectly, or acquiring alone or in concert the power or right to vote at least 20 percent of any class of ownership interest in a certificate holder or any of its parent entities, regardless of the tier in the corporate or entity structure at which the transaction occurs;

(iii) A change in ownership or control for purposes of any of the certificate

holder's or any of its parent corporations' employee agreements; or

(iv) A change of the de facto controlling interest in a certificate holder or any of its parent entities, regardless of the tier in the corporate or entity structure at which the change occurs.

(3) A change of the de facto controlling interest in an entity includes, but is not limited to, a change of the persons or entities with the ability or authority, expressed or reserved, to direct the management or policies of an entity and/or to take at least one of the following actions:

(i) Amend or change the entity's identity (*e.g.* joint venture agreement, unincorporated business status);

(ii) Appoint or remove at least 50% of the members of the Board of Directors or Trustees of a corporation, general partner of a partnership, or a similar member of the governing body of an entity;

(iii) Amend or change the by-laws, constitution, or other operating or management direction of the entity;

(iv) Control the sale of, use of or access to any or all of the entity's assets;

(v) Encumber the entity's assets by way of mortgage or other indebtedness;

(vi) Control any or all of the assets or other property of the entity upon the sale or dissolution of the entity;

(vii) Dissolve the entity;

(viii) Arrange for the sale or transfer of the entity to a new ownership or control;

(ix) Select or change the management of the entity or determine management compensation; or

(x) Set operating policies, financial policies or budgets.

(4) For purposes of applying paragraph (e)(3) of this section, consideration may be given to circumstances particular to the person or entity and certificate holder involved, including without limitation the ability of that person or entity to take actions in light of the number of shares in the certificate holder or its parent entities that are actively voted, the practice of any majority shareholder in exercising or refraining from exercising majority rights, and any agreements giving the person or entity the right to control votes of others.

(5) A series of transactions undertaken pursuant to a plan or that are otherwise related shall be considered a single transaction for purposes of this section. For purposes of calculating the twenty percent threshold in paragraph (e)(2)(ii) of this section, the securities, shares or other interests held immediately prior to the transaction shall be added to the securities, shares or other interests acquired in the transaction.

(f) *Exceptions*—(1) *Agricultural exception.* (i) Whenever ownership or possession of land in agricultural use is transferred, any certificate of entitlement with respect to such land shall be deemed to run with the land, if but only if within sixty days following the land transfer the new user demonstrates to the Executive Director that it will continue to use the water withdrawn or diverted for agricultural irrigation. Following any such timely demonstration, the Executive Director shall transfer the certificate of entitlement to the new user. The Executive Director may extend the sixty day period for good cause shown.

(ii) A certificate of entitlement that has been transferred pursuant to paragraph (f)(1)(i) of this section relieves the user of the obligation to pay water supply charges only with respect to the quantity of water in fact used by the new certificate holder for agricultural irrigation up to the Legal Entitlement specified in the certificate, and not with respect to the quantity of water used for any other purposes. The provisions of § 420.43 shall apply to water uses outside the scope of the certificate of entitlement.

(iii) A certificate of entitlement that has been transferred pursuant to paragraph (f)(1)(i) of this section terminates pursuant to this paragraph (f)(1) and without the need for Commission action if and when the certificate holder ceases using the water for agricultural irrigation, provided that if the cessation occurs in conjunction with a transfer of ownership or possession of the land in agricultural use, the certificate of entitlement may be transferred to a new user pursuant to paragraph (f)(1)(i). Once terminated, a certificate of entitlement may not be reinstated or reissued.

(2) *Corporate reorganization exceptions.* The following provisions apply where a corporate parent directly or indirectly owning 100% of each class of shares of all of its subsidiary corporations decides to reorganize those subsidiary corporations without affecting the corporate parent's 100% ownership interest.

(i) Whenever a corporate reorganization consists solely of a change of the name, identity, internal corporate structure, or place of organization of a corporate certificate holder or any of its parent corporations, the Executive Director may reissue a certificate of entitlement in the name of the new owner of the facility, provided that the reorganization does not affect ownership and/or control by the certificate holder's corporate family of companies within the meaning of paragraphs (e)(2) through (5) of this section and does not alter the ultimate corporate parent's 100% ownership interest.

(ii) A merger or other plan, transaction or series of transactions that effectuates a change of ownership or control within the meaning of paragraphs (e)(2) through (5) does not fall within the exemption of paragraph (f)(2)(i) of this section on the basis that a corporate reorganization constitutes part of the merger, plan, transaction or series of transactions.

[42 FR 13544, Mar. 11, 1977, as amended at 59 FR 64571, Dec. 15, 1994; 81 FR 35608, June 3, 2016]

**§ 420.32 Measurement and billing of water taken.**

(a) The quantity and volume of waters used by each person shall be determined by meters, or other methods approved by the Commission, installed, maintained and read by or on behalf of the taker. Meters or other methods of measurement shall be subject to approval and inspection by the Commission as to installation, maintenance and reading.

(b) Each user of surface water who is not exceeding the quantity specified in his "certificate of entitlement" shall annually, on or before January 31, file with the Commission, on a form to be prescribed by the Executive Director, a report of the user's physical capability, as defined, permit limitations, and the

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volume of water used during the preceding year.

(c) Each user of surface water who is taking a quantity of water greater than the amount specified in his "certificate of entitlement" shall report his usage to the Commission on or before April 30, July 31, October 31 and January 31, of each year covering the next preceding calendar quarter, respectively, on forms to be prescribed by the Executive Director. The amount due for water usage in excess of the legal entitlement for each of the first three quarters of a calendar year shall be computed and paid by the user, together with the report.

(d) The Commission will render a statement of the net amount due based on the fourth quarter report, including a negative or positive adjustment, so that the net total billing and payment for four quarters will equal the total water used during the four quarters less the user's legal entitlement, if any.

### § 420.33 Payment of bills.

The amount due for each quarter shall bear interest at the rate of 1 percent per month for each day it is unpaid beginning 30 days after the due date of the quarterly report for the first three quarters and 30 days after the bill is rendered for the fourth quarter.

### CHARGES; EXEMPTIONS

### § 420.41 Schedule of water charges.

The schedule of water charges established in accordance with § 420.22 shall be as follows:

(a) \$87 per million gallons for consumptive use, subject to paragraph (c) of this section; and

(b) \$0.87 per million gallons for non-consumptive use, subject to paragraph (c) of this section.

(c) On July 1 of every year, beginning July 1, 2017, the rates established by this section will increase commensurate with any increase in the annual April 12-month Consumer Price Index (CPI) for Philadelphia, published by the U.S. Bureau of Labor Statistics

during that year.<sup>1</sup> In any year in which the April 12-month CPI for Philadelphia declines or shows no change, the water charges rates will remain unchanged. Following any indexed adjustment made under this paragraph (c), revised consumptive and non-consumptive use rates will be published in the FEDERAL REGISTER by July 1 and posted on the Commission's Web site. Interested parties may also obtain the rates by contacting the Commission directly during business hours.

[81 FR 95863, Dec. 29, 2016, as amended at 82 FR 26990, June 13, 2017; 86 FR 28263, May 26, 2021]

### § 420.42 Contracts; minimum charge.

Subject to the exclusions for certificates of entitlement and exempt uses, the Executive Director may require contracts for any taking, use, withdrawal or diversion of waters of the basin. Each contract shall provide for a minimum annual payment in accordance with an estimated annual demand schedule, regardless of use, withdrawal or diversion. The failure of any person to execute a contract under this section shall not affect the application of other requirements of this resolution.

### § 420.43 Exempt use.

The following uses shall be exempt from charge:

(a) Non-consumptive uses of less than 1,000 gallons during any day, and less than 100,000 gallons during any quarter.

(b) Ballast water used for shipping purposes.

(c) Water taken, withdrawn or diverted from streams tributary to the river master's gauging station at Montague.

(d) Water taken, withdrawn or diverted below R.M. 38 (the mouth of the Cohansey River) and such proportion of waters taken, diverted or withdrawn above R.M. 38 and below R.M. 92.4 (the mouth of the Schuylkill River) as the Executive Director may determine, on the basis of hydrologic studies, would have no discernible effect upon the

<sup>1</sup>Consumer Price Index—U/ Series ID: CUURA102SA0/Not Seasonally Adjusted/ Area: Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD/Item: All items/Base Period 1982-84=100.

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maintenance of the salt front below the mouth of the Schuylkill River.

**§ 420.44 Cooling water.**

Water used exclusively for cooling purposes which is returned to the stream in compliance with the effluent requirements of applicable water quality standards, shall be charged at the non-consumptive use rate except that losses due to in-stream evaporation caused by cooling uses will be charged as consumptive use.

**§ 420.45 Historical use.**

A person who or which could not for any reason use, take, withdraw or divert waters of the basin from the place in question on March 31, 1971, shall not be entitled to a certificate of entitlement.

HYDROELECTRIC POWER WATER USE CHARGES

**§ 420.51 Hydroelectric power plant water use charges.**

(a) *Annual base charges.* Owners of conventional run-of-river hydroelectric power plants that benefit from water storage facilities owned or partially owned by the Commission shall pay an annual base charge to the Commission. The amount of the base annual charge shall be one dollar per kilowatt of installed capacity.

(b) *Annual variable charges.* In addition to the base charge established in (a) of this section, annual charges based on power generated at each facility will be assessed as follows:

(1) Owners of hydroelectric power plants that benefit from increased hydraulic head available to the hydroelectric project as a result of investments by the Commission shall be charged one mill per kilowatt-hour of energy produced.

(2) Owners of hydroelectric power plants that derive additional benefits

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from increased flows available to the hydroelectric project that would not have been available without the Commission-sponsored project shall be charged one-half mill per kilowatt-hour of energy produced. No charges for increased flows will be required when charges for increased hydraulic head are in effect.

(3) Charges for the use of any facilities such as pipe conduits, outlet works, and so on, installed in, on or near a Commission-sponsored project that benefit the hydroelectric project in any way will be determined on a case-by-case basis as approved by the Commission.

(c) *Credits.* The owner of any hydroelectric generating facility shall receive a credit against the current year water use fee otherwise payable to the Commission for any amount which the Commission receives from the U.S. Army Corps of Engineers or from the Federal Energy Regulatory Commission for each calendar year.

(d) *Exemptions.* No payment will be required when hydroelectric power facility water use charges would amount to less than \$25 per year. Retroactive charges will not be assessed for facilities which have already obtained Commission approval pursuant to Section 3.8 of the Delaware River Basin Compact. All hydroelectric generating projects that do not benefit from storage owned or partially owned by the Commission are exempt from these Commission water charges.

(e) *Payment of bills.* The amount due each year shall bear interest at the rate of 1% per month for each day it is unpaid beginning 30 days after the due date. Payments are due within 30 days of the end of each calendar year. Annual base charges will be prorated for periods less than a year.

[53 FR 45260, Nov. 9, 1988]