

Environmental Protection Agency

§ 430.42

SUBPART C

[PSNS for unbleached kraft facilities where linerboard is produced]

Pollutant or pollutant property	Maximum for any 1 day	
	Milligrams/liter	Kg/kg (or pounds per 1,000 lb) of product ^a
Pentachlorophenol	(0.015)(9.4)/y	0.00058
Trichlorophenol	(0.013)(9.4)/y	0.00053
y = wastewater discharged in kgal per ton of product.		

^aThe following equivalent mass limitations are provided as guidance in cases where POTWs find it necessary to impose mass effluent limitations.

SUBPART C

[PSNS for unbleached kraft facilities where bag paper and other mixed products are produced]

Pollutant or pollutant property	Maximum for any 1 day	
	Milligrams/liter	Kg/kg (or pounds per 1,000 lb) of product ^a
Pentachlorophenol	(0.012)(11.4)/y	0.00058
Trichlorophenol	(0.011)(11.4)/y	0.00053
y = wastewater discharged in kgal per ton of product.		

^aThe following equivalent mass limitations are provided as guidance in cases where POTWs find it necessary to impose mass effluent limitations.

SUBPART C

[PSNS for unbleached kraft facilities where pulp and paper are produced using the unbleached kraft-neutral sulfite semi-chemical (cross recovery) process and/or a combined unbleached kraft and semi-chemical process, wherein the spent semi-chemical cooking liquor is burned within the unbleached kraft chemical recovery system]

Pollutant or pollutant property	Maximum for any 1 day	
	Milligrams/liter	Kg/kg (or pounds per 1,000 lb) of product ^a
Pentachlorophenol	(0.013)(11.5)/y	0.00064
Trichlorophenol	(0.012)(11.5)/y	0.00059
y = wastewater discharged in kgal per ton of product.		

^aThe following equivalent mass limitations are provided as guidance in cases where POTWs find it necessary to impose mass effluent limitations.

Subpart D—Dissolving Sulfite Subcategory

§ 430.40 Applicability; description of the dissolving sulfite subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of pulp at dissolving sulfite mills.

§ 430.41 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and §430.01 of this part shall apply to this subpart.

§ 430.42 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days

§ 430.42

40 CFR Ch. I (7-1-03 Edition)

limitations but shall be subject to annual average effluent limitations:

SUBPART D

[BPT effluent limitations for dissolving sulfite pulp facilities where nitration grade pulp is produced]

Pollutant or pollutant property	Kg/kg (or pounds per 1,000 lb) of product		
	Continuous dischargers		Non-continuous dischargers (annual average)
	Maximum for any 1 day	Average of daily values for 30 consecutive days	
BOD5	41.4	21.5	12.1
TSS	70.65	38.05	20.9
pH	(¹)	(¹)	(¹)

¹ Within the range of 5.0 to 9.0 at all times.

SUBPART D

[BPT effluent limitations for dissolving sulfite pulp facilities where viscose grade pulp is produced]

Pollutant or pollutant property	Kg/kg (or pounds per 1,000 lb) of product		
	Continuous dischargers		Non-continuous dischargers (annual average)
	Maximum for any 1 day	Average of daily values for 30 consecutive days	
BOD5	44.3	23.0	12.9
TSS	70.65	38.05	20.9
pH	(¹)	(¹)	(¹)

¹ Within the range of 5.0 to 9.0 at all times.

SUBPART D

[BPT effluent limitations for dissolving sulfite pulp facilities where cellophane grade pulp is produced]

Pollutant or pollutant property	Kg/kg (or pounds per 1,000 lb) of product		
	Continuous dischargers		Non-continuous dischargers (annual average)
	Maximum for any 1 day	Average of daily values for 30 consecutive days	
BOD5	48.05	24.95	14.0
TSS	70.65	38.05	20.9
pH	(¹)	(¹)	(¹)

¹ Within the range of 5.0 to 9.0 at all times.

SUBPART D

[BPT effluent limitations for dissolving sulfite pulp facilities where acetate grade pulp is produced]

Pollutant or pollutant property	Kg/kg (or pounds per 1,000 lb) of product		
	Continuous dischargers		Non-continuous dischargers (annual average)
	Maximum for any 1 day	Average of daily values for 30 consecutive days	
BOD5	¹ 50.80	¹ 26.40	¹ 14.83
TSS	70.65	38.05	20.9
pH	(²)	(²)	(²)

¹ BOD5 effluent limitations were remanded (Weyerhaeuser Company, et al v. Costle, 590 F. 2nd 1011; D.C. Circuit 1978).

Environmental Protection Agency

§ 430.42

²Within the range of 5.0 to 9.0 at all times.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of wet barking operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of

this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations:

SUBPART D
[BPT effluent limitations]

Pollutant or pollutant property	Kg/kkg (or pounds per 1,000 lb) of product		
	Continuous dischargers		Non-continuous dischargers (annual average)
	Maximum for any 1 day	Average of daily values for 30 consecutive days	
BOD5	0.7	0.35	0.2
TSS	0.15	0.1	0.05
pH	(¹)	(¹)	(¹)

¹ Within the range of 5.0 to 9.0 at all times.

(c) The following limitations establish the quantity or quality of pollutants or pollutant parameters, controlled by this section, resulting from the use of log washing or chip washing operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section

and shall be calculated using the proportion of the mill's total production due to use of logs and/or chips which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to the annual average effluent limitations:

SUBPART D
[BPT effluent limitations]

Pollutant or pollutant property	Kg/kkg (or pounds per 1,000 lb) of product		
	Continuous dischargers		Non-continuous dischargers (annual average)
	Maximum for any 1 day	Average of daily values for 30 consecutive days	
BOD5	0.15	0.1	0.05
TSS	0.15	0.1	0.05
pH	(¹)	(¹)	(¹)

¹ Within the range of 5.0 to 9.0 at all times.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of log flumes or log ponds, which may

be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated

§ 430.43

40 CFR Ch. I (7-1-03 Edition)

using the proportion of the mill's total production due to use of logs which are subject to such operations. Non-continuous dischargers shall not be subject to

the maximum day and average of 30 consecutive days limitations but shall be subject to the annual average effluent limitations:

SUBPART D
[BPT effluent limitations]

Pollutant or pollutant property	Kg/kkg (or pounds per 1,000 lb) of product		
	Continuous dischargers		Non-continuous dischargers (annual average)
	Maximum for any 1 day	Average of daily values for 30 consecutive days	
BOD5	0.15	0.1	0.05
TSS	0.15	0.1	0.05
pH	(¹)	(¹)	(¹)

¹ Within the range of 5.0 to 9.0 at all times.

§ 430.43 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in 40 CFR 401.16) in § 430.42 of this subpart for the best practicable control technology currently available (BPT).

§ 430.44 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb) but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides:

SUBPART D

[BAT effluent limitations for dissolving sulfite pulp facilities where nitration, viscose, or cellophane pulps are produced]

Pollutant or pollutant property	Maximum for any 1 day	
	Kg/kkg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0030	(0.011)(66.0)/y
Trichlorophenol	0.019	(0.068)(66.0)/y

y = wastewater discharged in kgal per ton of product.