

SUBPART E—Continued  
[Supplemental NSPS]

Pollutant or pollutant property	Maximum for any 1 day	
	kg/kkg (or pounds per 1,000 lb) of product	Milligrams/liter
y = wastewater discharged in kgal per ton of product.		

(d) Pursuant to 40 CFR 122.44(i) and 122.45(h), a discharger must demonstrate compliance with the standards in paragraphs (b)(2) or (b)(3) of this section, as applicable, by monitoring for all pollutants (except for AOX, COD, BOD<sub>5</sub>, TSS, and pH) at the point where the wastewater containing those pollutants leaves the bleach plant. The permitting authority may impose effluent limitations and/or monitoring requirements on internal wastestreams for any other pollutants covered in this section as appropriate under 40 CFR 122.44(i) and 122.45(h).

**§ 430.56 Pretreatment standards for existing sources (PSES).**

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and must achieve the following pretreatment standards for existing sources (PSES).

(a) The following pretreatment standards must be attained on or before April 16, 2001.

(1) The following pretreatment standards apply to all indirect dischargers in the calcium-, magnesium-, or sodium-based sulfite pulp segment:

SUBPART E

[Production of Calcium-, Magnesium-, or Sodium-based Sulfite Pulps]

Pollutant or pollutant property	PSES	
	Maximum for any 1 day	Monthly average
	kg/kkg (or pounds per 1,000 lb) of product	
AOX .....	<ML <sup>a</sup>	( <sup>b</sup> )

<sup>a</sup>“<ML” means less than the minimum level specified in § 430.01(i) for the particular pollutant.  
<sup>b</sup>This regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.

(2)(i) The following pretreatment standards apply to all indirect dischargers in the ammonium-based sulfite pulp segment:

SUBPART E—PRODUCTION OF AMMONIUM-BASED SULFITE PULPS

Pollutant or pollutant property	PSES	
	Maximum for any 1 day	Monthly average
TCDD <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
TCDF <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
Trichlorosyringol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
3,4,5-trichlorocatechol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
3,4,6-trichlorocatechol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
3,4,5-trichloroguaiacol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
3,4,6-trichloroguaiacol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
4,5,6-trichloroguaiacol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
2,4,5-trichlorophenol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
2,4,6-trichlorophenol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
Tetrachlorocatechol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
Tetrachloroguaiacol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
2,3,4,6-tetrachlorophenol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )

SUBPART E—PRODUCTION OF AMMONIUM-BASED SULFITE PULPS—Continued

Pollutant or pollutant property	PSES	
	Maximum for any 1 day	Monthly average
Pentachlorophenol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )

<sup>a</sup>These limitations do not apply with respect to fiber lines operated by any indirect discharger that discloses to the pretreatment control authority, at the time it submits the report required under 40 CFR 403.12(b), (d), or (e), that it uses a TCF bleaching process at that fiber line.  
<sup>b</sup>"<ML" means less than the minimum level specified in § 430.01(i) for the particular pollutant.  
<sup>c</sup>This regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.

(ii) The following pretreatment standards apply with respect to each new source fiber line operated by an indirect discharger producing ammonium-based sulfite pulps if the indirect discharger discloses to the pretreatment control authority in a report submitted under 40 CFR 403.12(b) that it uses exclusively TCF bleaching processes at that fiber line:

SUBPART E—PRODUCTION OF AMMONIUM-BASED SULFITE PULPS

Pollutant or pollutant parameter	PSES (TCF)	
	Maximum for any 1 day	Monthly average
AOX .....	<ML <sup>a</sup>	( <sup>b</sup> )

<sup>a</sup>"<ML" means less than the minimum level specified in § 430.01(i) for the particular pollutant.  
<sup>b</sup>This regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.

(3)(i) The following pretreatment standards apply to all indirect dischargers in the specialty grade sulfite pulp segment:

SUBPART E—PRODUCTION OF SPECIALTY GRADE SULFITE PULPS

Pollutant or pollutant property	PSES	
	Maximum for any 1 day	Monthly average
TCDD <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
TCDF <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
Trichlorosyringol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
3,4,5-trichlorocatechol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
3,4,6-trichlorocatechol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
3,4,5-trichloroguaiacol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
3,4,6-trichloroguaiacol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
4,5,6-trichloroguaiacol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
2,4,5-trichlorophenol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
2,4,6-Trichlorophenol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
Tetrachlorocatechol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
Tetrachloroguaiacol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
2,3,4,6-tetrachlorophenol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )
Pentachlorophenol <sup>a</sup> .....	<ML <sup>b</sup>	( <sup>c</sup> )

<sup>a</sup>These limitations do not apply with respect to fiber lines operated by any indirect discharger that discloses to the pretreatment control authority, at the time it submits the report required under 40 CFR 403.12(b), (d), or (e), that it uses a TCF bleaching process at that fiber line.  
<sup>b</sup>"<ML" means less than the minimum level specified in § 430.01(i) for the particular pollutant.  
<sup>c</sup>This regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.

(ii) The following pretreatment standards apply with respect to each fiber line operated by an indirect discharger producing specialty grade sulfite pulps if the indirect discharger discloses to the pretreatment control authority in a report submitted under 40 CFR 403.12(b), (d), or (e) that it uses exclusively TCF bleaching processes at that fiber line. These pretreatment standards must be attained on or before April 16, 2001:

SUBPART E

Pollutant or pollutant parameter	PSES (TCF)	
	Maximum for any 1 day	Monthly average
AOX .....	<ML <sup>a</sup>	( <sup>b</sup> )

<sup>a</sup>“<ML” means less than the minimum level specified in § 430.01(i) for the particular pollutant.  
<sup>b</sup>This regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.

(b) The following pretreatment standards apply to each indirect discharger, in accordance with the previous subcategorization scheme, unless it certifies to the pretreatment control authority that it is not using these compounds as biocides. In cases when POTWs find it necessary to impose mass effluent limitations, equivalent mass limitations are provided as guidance:

SUBPART E

Pollutant or pollutant property	Supplemental PSES	
	Maximum for any 1 day	
	kg/kkg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol .....	0.00058exp(0.017x) .....	((0.011)(12.67)exp(0.017x))/y
Trichlorophenol .....	0.0043exp(0.017x) .....	((0.082)(12.67)exp(0.017x))/y

x = percent sulfite pulp in final product.  
y = wastewater discharged in kgal per ton of product.

(c) An indirect discharger must demonstrate compliance with the pretreatment standards in paragraphs (a)(2) or (a)(3) of this section, as applicable, by monitoring for all pollutants at the point where the wastewater containing those pollutants leaves the bleach plant.

[63 FR 18635, Apr. 15, 1998; 63 FR 42239 Aug. 7, 1998]

§ 430.57 Pretreatment standards for new sources (PSNS).

Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must: comply with 40 CFR part 403; and achieve the following pretreatment standards for new sources (PSNS).

(a) (1) The following pretreatment standards apply to each indirect discharger in the calcium-, magnesium-, or sodium-based sulfite pulp segment that is a new source:

SUBPART E

[Production of Calcium-, Magnesium-, or Sodium-Based Sulfite Pulps]

Pollutant or pollutant property	PSNS	
	Maximum for any 1 day	Monthly average
	kg/kkg (or pounds per 1,000 lb) of product	
AOX .....	<ML <sup>a</sup>	( <sup>b</sup> )

<sup>a</sup>“<ML” means less than the minimum level specified in § 430.01(i) for the particular pollutant.  
<sup>b</sup>This regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.