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§ 432.102 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

(a) Except as provided in §§125.30 through 125.32, and subject to the provisions of paragraph (b) of this section, 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 practicable control technology currently available (BPT):

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of raw material)	
BOD5	0.34	0.17
TSS	0.42	0.21
Oil and grease	0.20	0.10
pH	(¹)	(¹)
Fecal coliform	(²)	(²)
	English units (lb/1,000 lb of raw material)	
BOD5	0.34	0.17
TSS	0.42	0.21
Oil and grease	0.20	0.10
pH	(¹)	(¹)
Fecal coliform	(²)	(²)

¹ Within the range 6.0 to 9.0.
² Maximum at any time 400 mpn/100 ml.

(b) The limitations given in paragraph (a) of this section for BOD₅ and TSS are derived for a renderer which does no cattle hide curing as part of the plant activities. If a renderer does conduct hide curing, the following empirical formulas should be used to derive an additive adjustment to the effluent limitations for BOD₅ and TSS.

BOD₅ Adjustment (kg/kkg RM) = $[8.0 \times (\text{number of hides}) / \text{kg of raw material}]$ (lb/1,000 lb RM) = $[17.6 \times (\text{number of hides}) / \text{lbs of raw material}]$

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TSS Adjustment (kg/kkg RM) = $[11.0 \times (\text{number of hides}) / \text{kg of raw material}]$ (lb/1,000 lb RM) = $[24.2 \times (\text{number of hides}) / \text{lbs of raw material}]$

[40 FR 910, Jan. 3, 1975; 40 FR 11874, Mar. 14, 1975, as amended at 60 FR 33966, June 29, 1995]

§ 432.103 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart after application of the best available technology economically achievable:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kkg of raw material)	
Ammonia	0.14	0.07
	English units (lb/1,000 lb of raw material)	
Ammonia	0.14	0.07

[44 FR 50748, Aug. 29, 1979]

§ 432.104 [Reserved]

§ 432.105 Standards of performance for new sources.

(a) Subject to the provisions of paragraph (b) of this section, the following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a new source subject to the provisions of this subpart:

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Effluent characteristics	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kilograms per 1,000 kg of raw material)	
BOD5	0.18	0.09
TSS .....	.22	.11
Oil and grease .....	.10	.05
Ammonia .....	.14	.07
pH	(¹)	(¹)
Fecal coliforms	(²)	(²)
	English units (pounds per 1,000 lb of raw material)	
BOD5	0.18	0.09
TSS .....	.22	.11
Oil and grease .....	.10	.05
Ammonia .....	.14	.07
pH	(¹)	(¹)
Fecal coliforms	(²)	(²)

¹ Within the range 6.0 to 9.0.
² Maximum at any time 400 mpn/100 ml.

(b) The standards given in paragraph (a) of this section for BOD5 and TSS are derived for a renderer which does no cattle hide curing as part of the plant activities. If a renderer does conduct hide curing, the following empirical formulas should be used to derive an additive adjustment to the standards for BOD5 and TSS.

BOD5 adjustment (kilograms per 1,000 kg of raw material) = 8.0 × (number of hides)/kilograms of raw material (pounds per 1,000 lb of raw material) = 17.6 × (number of hides)/pounds of raw material

TSS adjustment (kilograms per 1,000 kg of raw material) = 11.0 × (number of hides)/kilograms of raw material (pounds per 1,000 lb of raw material) = 24.2 × (number of hides)/pounds of raw material

[42 FR 54419, Oct. 6, 1977]

§ 432.106 Pretreatment standards for new sources.

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403. In addition, the following pretreatment standard establishes the quantity or quality of pollutants or pollutant properties controlled by this section which may be discharged to a publicly owned treatment works by a new source subject to the provisions of this subpart:

Pollutant or pollutant property	Pretreatment standard
BOD5	No limitation.
TSS	Do.
Oil and grease	Do.
pH	Do.
Fecal coliform	Do.

[40 FR 910, Jan. 3, 1975, as amended at 60 FR 33966, June 29, 1995]

§ 432.107 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollution control technology.

(a) Except as provided in §§ 125.30 through 125.32, and subject to the provisions of paragraph (b) of this section, the following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart after application of the best conventional pollutant control technology:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/kg of raw material)	
BOD5	0.18	0.09
TSS	0.22	0.11
Oil and grease	0.10	0.05
Fecal coliforms	(¹)	(¹)
pH	(²)	(²)
	English units (lb/lb of raw material)	
BOD5	0.18	0.09
TSS	0.22	0.11
Oil and grease	0.10	0.05
Fecal coliforms	(¹)	(¹)
pH	(²)	(²)

¹ Maximum at any time: 400 mpn/100 ml.
² Within the range 6.0 to 9.0.

(b) The limitations given in paragraph (a) of this section for BOD5 and TSS are derived for a renderer which does no cattle hide curing as part of the plant activities. If a renderer does conduct hide curing, the following empirical formulas should be used to derive an additive adjustment to the effluent limitations for BOD5 and TSS.

BOD5 Adjustment (kg/kg RM) = 3.6 × (number of hides)/kg of raw material (lb/1,000 lb