

§ 406.17

Pollutant or pollutant property	Pretreatment standard
TSS .....	Do.

(a) Process waste water shall not be discharged to a POTW at a flow rate or pollutant mass loading rate which is excessive over any time period during the peak load at a POTW. Excessive discharges are defined as those in which the flow of BOD<sub>5</sub> or total suspended solids (TSS) exceed the respective values of P from the following formula:

$$P = K(Q+R) - S$$

where:

P = maximum allowable peak waste load for the new corn wet milling source to be discharged to the POTW (gallons per one hour for flow and pounds per day for BOD<sub>5</sub> and TSS).

Q = average existing waste load to POTW.

R = average waste load for the new corn wet milling source to be discharged to POTW.

S = existing peak load of POTW.

K = 2. When the ratio of (S/Q) is greater than 1.5, K = 3.

Calculations are to be based on dry weather conditions.

[40 FR 52016, Nov. 7, 1975, as amended at 60 FR 33936, June 29, 1995]

**§ 406.17 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.**

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.

(a) Subject to the provisions in 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

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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 (kilograms per 1,000 kg of corn)	
BOD <sub>5</sub> .....	1.08	0.36
TSS .....	1.62	.54
pH .....	( <sup>1</sup> )	( <sup>1</sup> )
	English units (pounds per 1,000 stdbu of corn)	
BOD <sub>5</sub> .....	60	20
TSS .....	90	30
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range 6.0 to 9.0.

(b) The limitations given in paragraph (a) of this section for BOD<sub>5</sub> and TSS are derived for a point source producing products standard to the corn wet milling industry. For those plants producing modified starches at a rate of at least 15 percent by dry-basis weight of total sweetener and starch products per month for 12 consecutive months, the following limitations should be used to derive an additive adjustment to the discharge allowed by paragraph (a) of this section:

Effluent characteristic	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 corn)	
BOD <sub>5</sub> .....	0.43	0.14
TSS .....	0.66	.22
	English units (pounds per 1,000 stdbu of corn)	
BOD <sub>5</sub> .....	24	8
TSS .....	36	12

[42 FR 62372, Dec. 12, 1977. Redesignated and amended at 44 FR 50739, Aug. 29, 1979]

EFFECTIVE DATE NOTE: Section 406.17 was indefinitely suspended at 45 FR 45582, July 7, 1980.