

Environmental Protection Agency

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SOURCE: 39 FR 10513, Mar. 20, 1974, unless otherwise noted.

Subpart A—Corn Wet Milling Subcategory

§ 406.10 Applicability; description of the corn wet milling subcategory.

The provisions of this subpart are applicable to discharges resulting from the process in which shelled corn is steeped in a dilute solution of sulfuric acid and then processed by wet means into such products as animal feed, regular and modified starches, corn oil, corn syrup, and dextrose.

§ 406.11 Specialized definitions.

For the purpose of this subpart:

- (a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.
(b) The term *corn* shall mean the shelled corn delivered to a plant before processing.
(c) The term *standard bushel* shall mean a bushel of shelled corn weighing 56 pounds.
(d) The abbreviation *MSBu* shall mean 1000 standard bushels.

§ 406.12 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 in paragraph (b) of this section, any existing point source subject to this subpart shall achieve the following

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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 (kilograms per 1,000 kg of corn) | |
| BOD5 | 2.67 | 0.89 |
| TSS | 4.32 | 1.08 |
| pH | (¹) | (¹) |
| | English units (pounds per 1,000 stdbu of corn) | |
| BOD5 | 150 | 50 |
| TSS | 240 | 60 |
| pH | (¹) | (¹) |

¹ 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 point source producing products standards 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) | |
| BOD5 | 0.81 | 0.27 |
| TSS | 2.16 | .54 |
| | English units (pounds per 1,000 stdbu of corn) | |
| BOD5 | 45 | 15 |
| TSS | 120 | 30 |

[39 FR 10513, Mar. 20, 1974, as amended at 42 FR 62371, Dec. 12, 1977; 60 FR 33936, June 29, 1995]

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§ 406.14 Pretreatment standards for existing sources.

Any existing 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 point source subject to the provisions of this subpart.

| Pollutant or pollutant property | Pretreatment standard |
|---------------------------------|-----------------------|
| pH | No limitation. |
| BOD5 | Do. |
| TSS | Do. |

[40 FR 6436, Feb. 11, 1975, as amended at 60 FR 33036, June 29, 1995]

§ 406.15 Standards of performance for new sources.

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:

| 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) | |
| BOD5 | 1.08 | 0.36 |
| TSS | 1.35 | .45 |
| pH | (¹) | (¹) |
| | English units (pounds per 1,000 stdbu of corn) | |
| BOD5 | 60 | 20 |
| TSS | 75 | 25 |
| pH | (¹) | (¹) |

¹ Within the range 6.0 to 9.0.

[41 FR 50823, Nov. 18, 1976]

§ 406.16 Pretreatment standards for new sources.

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned