

§ 432.106

40 CFR Ch. I (7–1–12 Edition)

§ 432.106 Pretreatment standards for new sources (PSNS). [Reserved]

§ 432.107 Effluent limitations attainable by the application of the best control technology for conventional pollutants (BCT).

(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 application of BCT: Limitations for BOD₅, fecal coliform, O&G, and TSS are the same as the corresponding limitation specified in § 432.105(a).

(b) The limitations for BOD₅ and TSS specified in paragraph (a) of this section were derived for a renderer which does not cure cattle hide. If a renderer does cure hide, the following formulas should be used to calculate BOD₅ and TSS limitations for process wastewater associated with cattle hide curing, in addition to the limitation specified in paragraph (a) of this section:

$$\begin{aligned} \text{lbs BOD}_5/1000 \text{ lbs RM} &= 7.9 \times (\text{no. of hides})/\text{lbs RM} \\ \text{kg BOD}_5/\text{kkg RM} &= 3.6 \times (\text{no. of hides})/\text{kg RM} \\ \text{lbs TSS}/1000 \text{ lbs RM} &= 13.6 \times (\text{no. of hides})/\text{lbs RM} \\ \text{kg TSS}/\text{kkg RM} &= 6.2 \times (\text{no. of hides})/\text{kg RM} \end{aligned}$$

Subpart K—Poultry First Processing

§ 432.110 Applicability.

This part applies to discharges of process wastewater resulting from the slaughtering of poultry, further processing of poultry and rendering of material derived from slaughtered poultry. Process wastewater includes water from animal holding areas at these facilities.

§ 432.111 Special definitions.

For the purpose of this subpart: *Poultry first processing* means slaughtering of poultry and producing whole, halved, quarter or smaller meat cuts.

§ 432.112 Effluent limitations attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point

source subject to this subpart that slaughters more than 100 million pounds per year (in units of LWK) must achieve the following effluent limitations representing the application of BPT:

EFFLUENT LIMITATIONS [BPT]

| Regulated parameter | Maximum daily ¹ | Maximum monthly avg. ¹ |
|------------------------|----------------------------|-----------------------------------|
| Ammonia (as N) | 8.0 | 4.0 |
| BOD ₅ | 26 | 16 |
| Fecal Coliform | (²) | (³) |
| O&G (as HEM) | 14 | 8.0 |
| TSS | 30 | 20 |

¹ mg/L (ppm).
² Maximum of 400 MPN or CFU per 100 mL at any time.
³ No maximum monthly average limitation.

§ 432.113 Effluent limitations 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 that slaughters more than 100 million pounds per year (in units of LWK) must achieve the following effluent limitations representing the application of BAT:

EFFLUENT LIMITATIONS [BAT]

| Regulated parameter | Maximum daily ¹ | Maximum monthly avg. ¹ |
|----------------------|----------------------------|-----------------------------------|
| Ammonia (as N) | 8.0 | 4.0 |
| Total Nitrogen | 147 | 103 |

¹ mg/L (ppm).

§ 432.114 Pretreatment standards for existing sources (PSES). [Reserved]

§ 432.115 New source performance standards (NSPS).

Any source that is a new source subject to this subpart must achieve the following performance standards:

(a) Facilities that slaughter no more than 100 million pounds per year (in units of LWK) must achieve the following performance standards:

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**PERFORMANCE STANDARDS
[NSPS]**

| Regulated parameter | Maximum daily ¹ | Maximum monthly avg. ¹ |
|------------------------|----------------------------|-----------------------------------|
| Ammonia (as N) | 8.0 | 4.0 |
| BOD ₅ | 26 | 16 |
| Fecal Coliform | (²) | (³) |
| O&G (as HEM) | 14 | 8.0 |
| TSS | 30 | 20 |

¹ mg/L (ppm).
² Maximum of 400 MPN or CFU per 100 mL at any time.
³ No maximum monthly average limitation.

(b) Facilities that slaughter more than 100 million pounds per year (in units of LWK) must achieve the following performance standards:

**PERFORMANCE STANDARDS
[NSPS]**

| Regulated parameter | Maximum daily ¹ | Maximum monthly avg. ¹ |
|------------------------|----------------------------|-----------------------------------|
| Ammonia (as N) | 8.0 | 4.0 |
| BOD ₅ | 26 | 16 |
| Fecal Coliform | (²) | (³) |
| O&G (as HEM) | 14 | 8.0 |
| TSS | 30 | 20 |
| Total Nitrogen | 147 | 103 |

¹ mg/L (ppm).
² Maximum of 400 MPN or CFU per 100 mL at any time.
³ No maximum monthly average limitation.

§ 432.116 Pretreatment standards for new sources (PSNS). [Reserved]

§ 432.117 Effluent limitations attainable by the application of the best control technology for conventional pollutants (BCT).

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 application of BCT: Limitations for BOD₅, TSS, O&G (as HEM), and fecal coliform are the same as the corresponding limitation specified in § 432.112.

Subpart L—Poultry Further Processing

§ 432.120 Applicability.

This part applies to discharges of process wastewater resulting from further processing of poultry.

§ 432.121 Special definitions. [Reserved]

§ 432.122 Effluent limitations attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart that further processes more than 7 million pounds per year (in units of finished product) must achieve the following effluent limitations representing the application of BPT:

**EFFLUENT LIMITATIONS
[BPT]**

| Regulated parameter | Maximum daily ¹ | Maximum monthly avg. ¹ |
|------------------------|----------------------------|-----------------------------------|
| Ammonia (as N) | 8.0 | 4.0 |
| BOD ₅ | 26 | 16 |
| Fecal Coliform | (²) | (³) |
| O&G (as HEM) | 14 | 8.0 |
| TSS | 30 | 20 |

¹ mg/L (ppm).
² Maximum of 400 MPN or CFU per 100 mL at any time.
³ No maximum monthly average limitation.

§ 432.123 Effluent limitations 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 that further processes more than 7 million pounds per year (in units of finished product) must achieve the following effluent limitations representing the application of BAT:

**EFFLUENT LIMITATIONS
[BAT]**

| Regulated parameter | Maximum daily ¹ | Maximum monthly avg. ¹ |
|----------------------|----------------------------|-----------------------------------|
| Ammonia (as N) | 8.0 | 4.0 |
| Total Nitrogen | 147 | 103 |

¹ mg/L (ppm).

§ 432.124 Pretreatment standards for existing sources (PSES). [Reserved]

§ 432.125 New source performance standards (NSPS).

Any source that is a new source subject to this subpart must achieve the following performance standards: