

**§ 432.5**

**40 CFR Ch. I (7-1-13 Edition)**

**§ 432.5 Incorporation by reference.**

(a) The material listed in this section is incorporated by reference in the corresponding sections in this part, as noted. The Director of the Federal Register approves the incorporation by reference of this material in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. This material is incorporated as it exists on the date of the approval, and notice of any change in this material will be published in the FEDERAL REGISTER. The material is available for purchase at the address in paragraph (b) of this section and is available for inspection at the Office of the Federal Register, 800 North Capitol Street, NW., Suite 700, Washington, DC, or at the EPA Docket Center, 1301 Constitution Ave., NW., EPA West Room B-102, Washington, DC.

(b) The following material is available for purchase from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161. The toll-free telephone number is (800) 553-6847.

(1) "Method 300.0 Determination of Inorganic Anions by Ion Chromatography" (Revision 2.1) found in "Methods for the Determination of Inorganic Substances in Environmental Samples," EPA 600-R-93/100 (order number PB94-120821), August 1993, IBR approved for § 432.2(1).

(2) [Reserved]

**Subpart A—Simple Slaughterhouses**

**§ 432.10 Applicability.**

This part applies to discharges of process wastewater resulting from the production of meat carcasses, in whole or in part, by simple slaughterhouses. Process wastewater includes water from animal holding areas at these facilities.

**§ 432.11 Special definitions.**

For the purpose of this subpart: *Simple slaughterhouse* means a slaughterhouse that provides only minimal, if any, processing of the by-products of meat slaughtering. A simple slaughterhouse would include usually no more than two by-product processing oper-

ations such as rendering, paunch and viscera handling, or processing of blood, hide or hair.

**§ 432.12 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 must achieve the following effluent limitations representing the application of BPT:

(a) Facilities that slaughter no more than 50 million pounds per year (in units of LWK) must achieve the following limitations:

(1) In the case of process wastewater associated with the slaughtering of animals on-site or the processing of the carcasses of animals slaughtered on-site:

**EFFLUENT LIMITATIONS [BPT]**

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
BOD <sub>5</sub> .....	0.24	0.12
Fecal Coliform .....	( <sup>2</sup> )	( <sup>3</sup> )
O&G <sup>4</sup> .....	0.12	0.06
TSS .....	0.40	0.20

<sup>1</sup> Pounds per 1000 lbs (or g/kg) LWK.

<sup>2</sup> Maximum of 400 most probable number (MPN) or colony forming units (CFU) per 100 mL at any time.

<sup>3</sup> No maximum monthly average limitation.

<sup>4</sup> May be measured as hexane extractable material (HEM).

(2) In addition to the limitations specified in paragraph (a)(1) of this section, in the case of process wastewater associated with the processing (defleshing, washing and curing) of hides derived from animals slaughtered at locations off-site, the following limitations apply:

**EFFLUENT LIMITATIONS [BPT]**

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
BOD <sub>5</sub> .....	0.04	0.02
TSS .....	0.08	0.04

<sup>1</sup> Pounds per 1000 lbs (or g/kg) ELWK.

(3) In addition to the limitations specified in paragraph (a)(1) of this section, in the case of process wastewater associated with the processing of blood

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derived from animals slaughtered at locations off-site, the following limitations apply:

EFFLUENT LIMITATIONS  
[BPT]

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
BOD <sub>5</sub> .....	0.04	0.02
TSS .....	0.08	0.04

<sup>1</sup> Pounds per 1000 lbs (or g/kg) ELWK.

(4) In addition to the limitations specified in paragraph (a)(1) of this section, in the case of process wastewater associated with wet or low-temperature rendering of material derived from animals slaughtered at locations off-site and dead animals, the following limitations apply:

EFFLUENT LIMITATIONS  
[BPT]

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
BOD <sub>5</sub> .....	0.06	0.03
TSS .....	0.12	0.06

<sup>1</sup> Pounds per 1000 lbs (or g/kg) ELWK.

(5) In addition to the limitations specified in paragraph (a)(1) of this section, in the case of process wastewater associated with dry rendering of material derived from animals slaughtered at locations off-site and dead animals, the following limitations apply:

EFFLUENT LIMITATIONS  
[BPT]

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
BOD <sub>5</sub> .....	0.02	0.01
TSS .....	0.04	0.02

<sup>1</sup> Pounds per 1000 lbs (or g/kg) ELWK.

(b) Facilities that slaughter more than 50 million pounds per year (in units of LWK) must achieve the following limitations:

(1) All facilities must achieve the following effluent limitation for ammonia (as N):

EFFLUENT LIMITATIONS  
[BPT]

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
Ammonia (as N) .....	8.0	4.0

<sup>1</sup> mg/L (ppm).

(2) In the case of process wastewater associated with the slaughtering of animals on-site, the limitations for BOD<sub>5</sub>, fecal coliform, O&G, and TSS specified in paragraph (a)(1) of this section apply.

(3) In addition to the limitations specified in paragraphs (b)(1) and (2) of this section, in the case of process wastewater associated with the processing (defleshing, washing and curing) of hides derived from animals slaughtered at locations off-site, the limitations for BOD<sub>5</sub> and TSS specified in paragraph (a)(2) of this section also apply.

(4) In addition to the limitations specified in paragraphs (b)(1) and (2) of this section, in the case of process wastewater associated with the processing of blood derived from animals slaughtered at locations off-site, the limitations for BOD<sub>5</sub> and TSS specified in paragraph (a)(3) of this section apply.

(5) In addition to the limitations specified in paragraphs (b)(1) and (2) of this section, in the case of process wastewater associated with wet or low-temperature rendering of material derived from animals slaughtered at locations off-site and dead animals, the limitations for BOD<sub>5</sub> and TSS specified in paragraph (a)(4) of this section apply.

(6) In addition to the limitations specified in paragraphs (b)(1) and (2) of this section, in the case of process wastewater associated with dry rendering of material derived from animals slaughtered at locations off-site and dead animals, the limitations for BOD<sub>5</sub> and TSS specified in paragraph (a)(5) of this section apply.

**§ 432.13 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