

**PART 405—DAIRY PRODUCTS
PROCESSING POINT SOURCE
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SOURCE: 39 FR 18597, May 28, 1974, unless otherwise noted.

Subpart A—Receiving Stations Subcategory

§ 405.10 Applicability; description of the receiving stations subcategory.

The provisions of this subpart are applicable to discharges resulting from the operation of receiving stations engaged in the assembly and reshipment of bulk milk for the use of manufacturing or processing plants.

§ 405.11 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in part 401 of this chapter shall apply to this subpart.

(b) The term “BOD₅ input” shall mean the biochemical oxygen demand of the materials entered into process. It can be calculated by multiplying the fats, proteins and carbohydrates by factors of 0.890, 1.031 and 0.691 respectively. Organic acids (e.g., lactic acids) should be included as carbohydrates. Composition of input materials may be based on either direct analyses or generally accepted published values.

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

Except as provided in §§ 125.30 through 125.32, 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):

(a) For receiving stations receiving more than 150,000 lb/day of milk equivalent (15,600 lb/day or more of BOD₅ input).

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 BOD ₅ input)	
BOD ₅	0.475	0.190
TSS	0.713	.285
pH	(¹)	(¹)
English units (pounds per 100 lb of BOD ₅ input)		
BOD ₅	0.048	0.019
TSS	0.071	.029
pH	(¹)	(¹)

¹ Within the range 6.0 to 9.0.

(b) For receiving stations receiving 150,000 lb/day or less of milk equivalent (under 15,600 lb/day of BOD₅ input).

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 BOD ₅ input)	
BOD ₅	0.625	0.313
TSS	0.938	.469
pH	(¹)	(¹)
English units (pounds per 100 lb of BOD ₅ input)		
BOD ₅	0.063	0.031
TSS	0.094	.047
pH	(¹)	(¹)

¹ Within the range 6.0 to 9.0.

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