

Environmental Protection Agency

§ 407.72

processed during the peak thirty consecutive day production period.

§ 407.72 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) The following limitations establish the quantity of BOD₅ controlled by this section, which may be discharged by a “medium” or “large” existing point source subject to the provisions of this subpart after application of the best practicable control technology currently available. Any vegetable processing plant which continuously or intermittently discharges process waste water during the processing season shall meet the annual average, maximum thirty day average, and maximum day BOD₅ limitations. Vegetable processing plants employing long term waste stabilization, where all or a portion of the process waste water discharge is stored for the entire processing season and released at a controlled rate with State approval, shall meet only the annual average BOD₅ limitations. The effluent limitations do not apply to single-commodity 100 percent canned corn processing plants of all sizes, and multi-commodity 100 percent frozen vegetable processing plants with total annual raw material production less than 7,264 kkg (8,000 tons) per year.

[Metric units, kg/kkg of raw material; English units, lb/1,000 lb of raw material]

Commodity (vegetables)	BOD ₅ effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average shall not exceed—
Beets	1.01	0.71	0.57
Broccoli	3.83	2.21	1.47
Carrots	1.76	1.11	0.82
Corn:			
Canned	0.71	0.48	0.38
Frozen	1.45	0.84	0.56
Dehydrated onion/garlic	2.45	1.46	0.98

[Metric units, kg/kkg of raw material; English units, lb/1,000 lb of raw material]

Commodity (vegetables)	BOD ₅ effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average shall not exceed—
Dehydrated vegetables	2.98	1.76	1.21
Dry beans	2.50	1.51	1.07
Lima beans	3.68	2.19	1.51
Mushrooms	3.01	1.78	1.22
Onions (canned)	3.09	1.83	1.25
Peas	2.42	1.50	1.08
Sauerkraut:			
Canning	0.50	0.30	0.21
Cutting	0.08	0.05	0.04
Snap beans	1.51	0.87	0.58
Spinach	2.37	1.36	0.91
Squash	0.90	0.59	0.46
Potatoes	0.90	0.66	0.55

(b) The following limitations establish the quantity of TSS controlled by the section, which may be discharged by a “medium” or “large” existing point source subject to the provisions of this subpart after application of the best practicable control technology currently available. Any vegetable processing plant which continuously or intermittently discharges process waste water during the processing season shall meet the annual average, maximum thirty day average, and maximum day TSS limitations. Vegetable processing plants employing long term waste stabilization, where all or a portion of the process waste water discharge is stored for the entire processing season and released at a controlled rate with state approval, shall meet only the annual average TSS limitations. The effluent limitations do not apply to single-commodity 100 percent canned corn processing plants of all sizes, and multi-commodity 100 percent frozen vegetable processing plants with total annual raw material production less than 7,264 kkg (8,000 tons) per year.

[Metric units, kg/kkg of raw material; English units, lb/1,000 lb of raw material]

Commodity (vegetables)	TSS effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average shall not exceed—
Beets	1.88	1.47	1.12
Broccoli	6.78	4.57	2.65

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[Metric units, kg/kkg of raw material; English units, lb/1,000 lb of raw material]

Commodity (vegetables)	TSS effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average shall not exceed—
Carrots	3.19	2.30	1.54
Corn:			
Canned	1.32	1.00	0.73
Frozen	3.13	2.30	1.57
Dehydrated onion/garlic	4.49	3.02	1.76
Dehydrated vegetables	5.30	3.65	2.21
Dry beans	4.48	3.13	1.97
Lima beans	6.56	4.53	2.76
Mushrooms	5.36	3.68	2.22
Onions (canned)	5.51	3.78	2.28
Peas	4.36	3.11	2.02

[Metric units, kg/kkg of raw material; English units, lb/1,000 lb of raw material]

Commodity (vegetables)	TSS effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average shall not exceed—
Sauerkraut:			
Canning	0.89	0.63	0.40
Cutting	0.14	0.11	0.08
Snap beans	2.67	1.80	1.04
Spinach	4.19	2.81	1.64
Squash	1.64	1.23	0.87
Potatoes	1.69	1.37	1.09

(c) The following limitations establish the quality of pH controlled by this section, which may be discharged by a "medium" or "large" existing point source subject to the provisions of this subpart after application of the best practicable control technology currently available. The effluent limitations do not apply to single-commodity 100 percent canned corn processing plants of all sizes, and multi-commodity 100 percent frozen vegetable processing plants with total annual raw material production less than 7,264 kkg (8,000 tons) per year.

Effluent characteristic	Effluent limitations
pH	At all times within the range 6.0 to 9.5.

[41 FR 16281, Apr. 16, 1976, as amended at 60 FR 33939, June 29, 1995]

40 CFR Ch. I (7-1-00 Edition)

§ 407.73 [Reserved]

§ 407.74 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 any existing point source subject to the provisions of this subpart.

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

[41 FR 16281, Apr. 16, 1976, as amended at 60 FR 33939, June 29, 1995]

§ 407.75 [Reserved]

§ 407.76 Pretreatment standards for new sources.

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

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

[41 FR 16281, Apr. 16, 1976, as amended at 60 FR 33939, June 29, 1995]

§ 407.77 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§125.30 through 125.32, any existing point source subject to this subpart shall