

(o) The term *sauerkraut cutting* shall mean the trimming, cutting, and subsequent preparatory handling of cabbage necessary for and including brining and fermentation, and subsequent tank soaking.

(p) The term *sauerkraut canning* shall mean the draining and subsequent filling and canning of fermented cabbage and juice.

(q) The term *snap beans* shall mean the processing of snap beans into the following product styles: Canned and frozen green, Italian, wax, string, bush, and other related varieties, whole, French, fancy, Extra Standard, Standard, and other cuts.

(r) The term *spinach* shall mean the processing of spinach and leafy greens into the following product styles: Canned or frozen, whole leaf, chopped, and other related cuts.

(s) The term *potatoes* shall mean the processing of sweet potatoes into the following product styles: Canned, peeled, solid, syrup, and vacuum packed. The following white potato product styles are also included: Canned, peeled, white, all varieties, whole and sliced.

(t) The term *medium* shall mean a point source that processes a total annual raw material production of fruits, vegetables, specialties and other products that is between 1,816 kkg (2,000 tons) per year and 9,080 kkg (10,000 tons) per year.

(u) The term *large* shall mean a point source that processes a total annual raw material production of fruits, vegetables, specialties and other products that exceeds 9,080 kkg (10,000 tons) per year.

(v) The term *annual average* shall mean the maximum allowable discharge of BOD₅ or TSS as calculated by multiplying the total mass (kkg or 1000 lb) of each raw commodity processed for the entire processing season or calendar year by the applicable annual average limitation.

(w) The terms *maximum for any one day* and *average of daily values for thirty consecutive days* shall be based on the daily average mass of raw material 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
Dehydrated vegetables	2.98	1.76	1.21
Dry beans	2.50	1.51	1.07

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Commodity (vegetables)	BOD5 effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average shall not exceed—
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

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—
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

(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—
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.

[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
Carrots	3.19	2.30	1.54
Corn:			
Canned	1.32	1.00	0.73

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]