

ENVIRONMENTAL PROTECTION AGENCY

[40 CFR Part 407]

[FRL 444-6]

CANNED AND PRESERVED FRUITS AND VEGETABLES PROCESSING INDUSTRY POINT SOURCE CATEGORY

Proposed Effluent Guidelines and Standards

Notice is hereby given that effluent limitations for existing sources, standards of performance and pretreatment standards for new sources, and pretreatment standards for existing sources set forth in tentative form below are proposed by the Environmental Protection Agency (EPA). On March 21, 1974, EPA promulgated a regulation adding Part 407 to Chapter 40 of the Code of Federal Regulations (39 FR 10862). That regulation, with subsequent amendments, established effluent limitations and guidelines for existing sources and standards of performance and pretreatment standards for new sources for the canned and preserved fruits and vegetables processing industry point source category. The regulation proposed below will amend 40 CFR 407—canned and preserved fruits and vegetables processing industry point source category by revising section 407.62 to include limitations for "medium" size plants and by adding for "medium" and "large" plants sections 407.63, 407.64, 407.65, and 407.66 to the canned and preserved fruits subcategory (Subpart F), by revising section 407.72 to include limitations for "medium" size plants and by adding for "medium" and "large" plants sections 407.73, 407.74, 407.75, and 407.76 to the canned and preserved vegetables subcategory (Subpart G), and by revising section 407.82 to include limitations for "medium" size plants and by adding for "medium" and "large" plants sections 407.83, 407.84, 407.85, and 407.86 to the canned and miscellaneous specialties subcategory (Subpart H) pursuant to sections 306(b) and 307(b) and (c) of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251, 1316(b) and 1317(b) and (c), 86 Stat. 816 et seq.; P.L. 92-500) (the Act). Simultaneously with this proposed rulemaking, EPA is promulgating interim final regulations which establish effluent limitations guidelines for "large" plants requiring the application of the best practicable control technology currently available for the above listed subparts.

(a) Legal authority.

Section 301(b) of the Act requires the achievement by not later than July 1, 1977, of effluent limitations for point sources, other than publicly owned treatment works, which require the application of the best practicable control technology currently available as defined by the Administrator pursuant to section 304(b) of the Act. Section 301(b) also requires the achievement by not later than July 1, 1983, of effluent limitations for point sources, other than publicly owned treatment works, which require the application of best available tech-

nology economically achievable which will result in reasonable further progress toward the national goal of eliminating the discharge of all pollutants, as determined in accordance with regulations issued by the Administrator pursuant to section 304(b) of the Act.

Section 304(b) of the Act requires the Administrator to publish regulations providing guidelines for effluent limitations setting forth the degree of effluent reduction attainable through the application of the best practicable control technology currently available and the degree of effluent reduction attainable through the application of the best control measures and practices achievable including treatment techniques, process and procedural innovations, operating methods and other alternatives. The regulation herein sets forth effluent limitations and guidelines, pursuant to sections 301 and 304(b) of the Act, for the canned and preserved fruits subcategory (Subpart F), the canned and preserved vegetables subcategory (Subpart G), and the canned and miscellaneous specialties subcategory (Subpart H) of the canned and preserved fruits and vegetables processing industry point source category.

Section 304(c) of the Act requires the Administrator to issue to the States and appropriate water pollution control agencies information on the processes, procedures or operating methods which result in the elimination or reduction of the discharge of pollutants to implement standards of performance under section 306 of the Act. The report or "Development Document" referred to below provides, pursuant to section 304(c) of the Act, information on such processes, procedures or operating methods.

Section 306 of the Act requires the achievement by new sources of a Federal standard of performance providing for the control of the discharge of pollutants which reflects the greatest degree of effluent reduction which the Administrator determines to be achievable through application of the best available demonstrated control technology, processes, operating methods, or other alternatives, including, where practicable, a standard permitting no discharge of pollutants.

Section 306(b)(1)(B) of the Act requires the Administrator to propose regulations establishing Federal standards of performance for categories of new sources included in a list published pursuant to section 306(b)(1)(A) of the Act. The Administrator published in the FEDERAL REGISTER of January 16, 1973, (38 F.R. 1624) a list of 27 point source categories, including the canned and preserved fruits and vegetables processing industry point source category. The regulations proposed herein set forth the standards of performance applicable to new sources for the canned and preserved fruits subcategory (Subpart F), the canned and preserved vegetables subcategory (Subpart G), and the canned and miscellaneous specialties subcategory (Subpart H) of the canned and preserved fruits and vegetables processing industry point source category.

Section 307(c) of the Act requires the Administrator to promulgate pretreatment standards for new sources at the same time that standards of performance for new sources are promulgated pursuant to section 306. Sections 407.66, 407.76, and 407.86, proposed below, provide pretreatment standards for new sources within the canned and preserved fruits subcategory (Subpart F), canned and preserved vegetables subcategory (Subpart G), and the canned and miscellaneous specialties subcategory (Subpart H) of the canned and preserved fruits and vegetables processing industry point source category. Section 307(b) of the Act requires the establishment of pretreatment standards for pollutants introduced into publicly owned treatment works and 40 CFR 128 establishes that the Agency will propose specific pretreatment standards at the time effluent limitations are established for point source discharges. Sections 407.64, 407.74, and 407.84 proposed below provide pretreatment standards for existing sources within the canned and preserved fruits subcategory (Subpart F), the canned and preserved vegetables subcategory (Subpart G), and the canned and miscellaneous specialties subcategory (Subpart H) of the canned and preserved fruits and vegetables processing industry point source category.

(b) Summary and basis of proposed standards of performance and pretreatment standards for new sources and pretreatment standards for existing sources.

The general methodology and summary of conclusions are discussed in considerable detail in the preamble of the interim final regulations for the canned and preserved fruits subcategory (Subpart F), the canned and preserved vegetables subcategory (Subpart G), and the canned and miscellaneous specialties subcategory (Subpart H) of the canned and preserved fruits and vegetables processing industry point source category which are being promulgated by EPA simultaneously with publication of this proposed regulation. The information contained in the preamble to the interim final regulation is incorporated herein by reference. The proposed regulation set forth below proposes pretreatment standards for pollutants introduced into publicly owned treatment works. The proposal will establish for each subpart the extent of application of effluent limitations to existing sources and to new sources which discharge to publicly owned treatment works. The regulation is intended to be complementary to the general regulation for pretreatment standards for existing sources set forth at 40 CFR 128. The general regulation was proposed July 19, 1973 (38 FR 19236), and published in the final form on November 8, 1973 (38 FR 30982). The regulation proposed below applies to users of publicly owned treatment works which fall within the description of the point source category to which the limitations and standards apply. However, the proposed pretreatment regulation applies to the introduction of pollutants which are directed into a publicly owned treatment works, rather than

to discharges of pollutants to navigable waters.

The general pretreatment standard divides pollutants discharged by users of publicly owned treatment works into two broad categories; "compatible" and "incompatible." Compatible pollutants are generally not subject to specific numerical pretreatment standards. However, 40 CFR 128.131 (prohibited wastes) may be applicable to compatible pollutants. Additionally, local pretreatment requirements may apply (See 40 CFR 128.110). Incompatible pollutants are subject generally to pretreatment standards as provided in 40 CFR 128.133.

Sections 407.64, 407.74 and 407.84 of the regulation proposed below are intended to implement the intent of section 128.133, by setting forth specific numeric limitations for particular pollutants subject to pretreatment requirements.

Questions were raised during the public comment period on the proposed general pretreatment standard (40 CFR 128) about the propriety of applying a standard based upon best practicable control technology currently available to all plants subject to pretreatment standards. In general, EPA believes the analysis supporting the effluent limitations and guidelines is adequate to make a determination regarding the application of those standards to users of publicly owned treatment works. However, to ensure that those standards are appropriate in all cases, EPA now seeks additional comments focusing upon the application of effluent limitations guidelines to users of publicly owned treatment works.

The report entitled "Development Document for Interim Final and Proposed Effluent Limitations Guidelines and New Source Performance Standards for the Fruits, Vegetables, and Specialties Segment of the Canned and Preserved Fruits and Vegetables Processing Industry Point Source Category" details the analysis undertaken in support of the regulation being proposed herein and is available for inspection in the EPA Public Information Reference Unit, Room 2404, 401 M Street, S.W., Washington, D.C. 20460, at all EPA regional offices. A supplementary analysis prepared for EPA of the possible economic effects of the interim final and proposed regulation is also available for inspection at these locations. Copies of both of these documents are being sent to persons or institutions affected by the proposed regulation or who have placed themselves on a mailing list for this purpose (see EPA's Advance Notice of Public Review Procedures, 38 F.R. 21202, August 6, 1973). An additional limited number of copies of both reports are available. Persons wishing to obtain a copy may write the Environmental Protection Agency, Effluent Guidelines Division (WH-552), 401 M Street, S.W., Washington, D.C. 20460, Attention: Distribution Officer.

When this regulation is promulgated, revised copies of the Development Docu-

ment will be available from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Copies of the Economic Analysis will be available through the National Technical Information Service, Springfield, Virginia 22151.

(c) Summary of public participation.

A full listing of participants and discussion of comments and responses is included in the preamble of the interim final regulation for the canned and preserved fruits subcategory, the canned and preserved vegetables subcategory, and the canned and miscellaneous specialties subcategory of the canned and preserved fruits and vegetables processing industry point source category being simultaneously promulgated by EPA and are incorporated herein by reference.

Interested persons may participate in this rulemaking by submitting written comments in triplicate to the Environmental Protection Agency, Effluent Guidelines Division (WH-552), 401 M Street, S.W., Washington, D.C. 20460, Attention: Distribution Officer. Comments on all aspects of the proposed regulations are solicited. In the event comments are in the nature of criticisms as to the adequacy of data which are available, or which may be relied upon by the Agency, comments should identify and, if possible, provide any additional data which may be available and should indicate why such data are essential to the development of the regulations. In the event comments address the approach taken by the Agency in establishing a standard of performance or pretreatment standard, EPA solicits suggestions as to what alternative approach should be taken and why and how this alternative better satisfies the detailed requirements of sections 306 and 307 (b) and (c) of the Act.

A copy of all public comments will be available for inspection and copying at the EPA Public Information Reference Unit, Room 2404, 401 M Street, S.W., Washington, D.C. 20460. A copy of preliminary draft contractor report, the Development Document and economic study referred to above, and certain supplementary materials supporting the study of the industry concerned will also be maintained at this location for public review and copying. The EPA information regulation, 40 CFR Part 2, provides that a reasonable fee may be charged for copying.

All comments received within thirty days of publication of this notice in the FEDERAL REGISTER will be considered. Steps previously taken by the Environmental Protection Agency to facilitate public response within this time period are outlined in the advance notice concerning public review procedures published on August 6, 1973 (38 F.R. 21202).

Dated: October 3, 1975.

JOHN QUARLES,
Acting Administrator.

PART 407—CANNED AND PRESERVED FRUITS AND VEGETABLES PROCESSING INDUSTRY POINT SOURCE CATEGORY

Subpart F—Canned and Preserved Fruits Subcategory

- Sec.
407.62 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
407.63 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
407.64 Pretreatment standards for existing sources.
407.65 Standards of performance for new sources.
407.66 Pretreatment standards for new sources.

Subpart G—Canned and Preserved Vegetables Subcategory

- 407.72 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
407.73 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
407.74 Pretreatment standards for existing sources.
407.75 Standards of performance for new sources.
407.76 Pretreatment standards for new sources.

Subpart H—Canned and Miscellaneous Specialties Subcategory

- 407.82 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
407.83 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
407.84 Pretreatment standards for existing sources.
407.85 Standards of performance for new sources.
407.86 Pretreatment standards for new sources.

Subpart F—Canned and Preserved Fruits Subcategory

- § 407.62 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology current available.

In establishing the limitations set forth in this section, EPA took into account all information it was able to collect, develop and solicit with respect to factors (such as age and size of plant, raw materials, manufacturing processes, products produced, treatment technology available, energy requirements and costs) which can affect the industry subcategorization and effluent levels established. It is, however, possible that data which would affect these limitations have not been available and, as a result,

these limitations should be adjusted for certain plants in this industry. An individual discharger or other interested person may submit evidence to the Regional Administrator (or to the State, if the State has the authority to issue NPDES permits) that factors relating to the equipment or facilities involved, the process applied, or other such factors related to such discharger are fundamentally different from the factors considered in the establishment of the guidelines. On the basis of such evidence or other available information, the Regional Administrator (or the State) will make a written finding that such factors are or are not fundamentally different for that facility compared to those specified in the Development Document. If such fundamentally different factors are found to exist, the Regional Administrator or the State shall establish for the discharger effluent limitations in the NPDES permit either more or less stringent than the limitations established herein, to the extent dictated by such fundamentally different factors. Such

limitations must be approved by the Administrator of the Environmental Protection Agency. The Administrator may approve or disapprove such limitations, specify other limitations, or initiate proceedings to revise these regulations.

(a) The following limitations establish the quantity of BOD₅ controlled by this section, which may be discharged by a "medium" existing point source subject to the provisions of this subpart after application of the best practicable control technology currently available. Any fruit 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. Fruit 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.

Commodity (fruits)	BOD ₅ effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kg of raw material)			
Apricots.....	2.03	1.04	1.26
Caneberries.....	0.78	0.51	0.33
Cherries:			
Sweet.....	1.09	0.71	0.47
Sour.....	1.70	1.09	0.74
Brined.....	2.77	1.81	1.19
Cranberries.....	1.63	1.09	0.71
Dried fruit.....	1.83	1.19	0.78
Grape juice:			
Canning.....	1.02	0.67	0.45
Pressing.....	0.22	0.14	0.09
Olives.....	5.31	3.47	2.29
Peaches:			
Canned.....	1.81	1.18	0.78
Frozen.....	0.80	0.52	0.33
Pears.....	1.71	1.12	0.75
Pickles:			
Fresh pack.....	1.19	0.78	0.51
Process pack.....	1.33	0.91	0.62
Salt stations.....	0.20	0.14	0.10
Pineapples.....	1.78	1.16	0.75
Plums.....	0.68	0.44	0.29
Raisins.....	0.41	0.27	0.18
Strawberries.....	1.75	1.13	0.73
Tomatoes:			
Peeled.....	1.29	0.78	0.50
Products.....	0.43	0.31	0.19
English units (lb/1,000 lb of raw material)			
Apricots.....	2.03	1.04	1.26
Caneberries.....	0.78	0.51	0.33
Cherries:			
Sweet.....	1.09	0.71	0.47
Sour.....	1.70	1.09	0.74
Brined.....	2.77	1.81	1.19
Cranberries.....	1.63	1.09	0.71
Dried fruit.....	1.83	1.19	0.78
Grape juices:			
Canning.....	1.02	0.67	0.45
Pressing.....	0.22	0.14	0.09
Olives.....	5.31	3.47	2.29
Peaches:			
Canned.....	1.81	1.18	0.78
Frozen.....	0.80	0.52	0.33
Pears.....	1.71	1.12	0.75
Pickles:			
Fresh pack.....	1.19	0.78	0.51
Process pack.....	1.33	0.91	0.62
Salt stations.....	0.20	0.14	0.10
Pineapples.....	1.78	1.16	0.75
Plums.....	0.68	0.44	0.29
Raisins.....	0.41	0.27	0.18
Strawberries.....	1.75	1.13	0.73
Tomatoes:			
Peeled.....	1.29	0.78	0.50
Products.....	0.43	0.31	0.19

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(b) The following limitations establish the quantity of TSS controlled by this section, which may be discharged by a "medium" existing point source subject to the provision of this subpart after application of the best practicable control technology currently available. Any fruit 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. Fruit 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.

Commodity (fruits)	TSS effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kg of raw material)			
Apricots.....	4.68	3.35	2.60
Caneberries.....	1.21	0.85	0.68
Cherries:			
Sweet.....	1.78	1.32	0.96
Sour.....	2.82	2.11	1.50
Brined.....	4.48	3.29	2.43
Cranberries.....	2.67	1.92	1.47
Dried fruit.....	2.92	2.12	1.60
Grape juice:			
Canning.....	1.70	1.28	0.91
Pressing.....	0.36	0.26	0.19
Olives.....	8.64	6.36	4.67
Peaches:			
Canned.....	2.93	2.15	1.59
Frozen.....	1.38	1.07	0.71
Pears.....	2.90	2.21	1.62
Pickles:			
Fresh pack.....	1.93	1.41	1.04
Process pack.....	2.38	1.82	1.24
Salt stations.....	0.43	0.33	0.19
Pineapples.....	2.82	2.03	1.56
Plums.....	1.07	0.78	0.59
Raisins.....	0.72	0.55	0.37
Strawberries.....	2.60	1.88	1.52
Tomatoes:			
Peeled.....	1.85	1.30	1.04
Products.....	0.71	0.48	0.41
English units (lb/1,000 lb of raw material)			
Apricots.....	4.68	3.35	2.60
Caneberries.....	1.21	0.85	0.68
Cherries:			
Sweet.....	1.78	1.32	0.96
Sour.....	2.82	2.11	1.50
Brined.....	4.48	3.29	2.43
Cranberries.....	2.67	1.92	1.47
Dried fruit.....	2.92	2.12	1.60
Grape juice:			
Canning.....	1.70	1.28	0.91
Pressing.....	0.36	0.26	0.19
Olives.....	8.64	6.36	4.67
Peaches:			
Canned.....	2.93	2.15	1.59
Frozen.....	1.38	1.07	0.71
Pears.....	2.90	2.21	1.62
Pickles:			
Fresh pack.....	1.93	1.41	1.04
Process pack.....	2.38	1.82	1.24
Salt stations.....	0.43	0.33	0.19
Pineapples.....	2.82	2.03	1.56
Plums.....	1.07	0.78	0.59
Raisins.....	0.72	0.55	0.37
Strawberries.....	2.60	1.88	1.52
Tomatoes:			
Peeled.....	1.85	1.30	1.04
Products.....	0.71	0.48	0.41

(c) The following limitations establish the quality of pH controlled by this section, which may be discharged by a "medium" existing point source subject to the provisions of this subpart after application of the best practicable control technology currently available.

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

§ 407.63 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

(a) The following limitations establish the quantity of BOD₅ controlled by this section, which may be discharged by an existing point source subject to the provisions of this subpart after application of the best available technology econom-

ically achievable. Any fruit 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. Fruit processing plants em-

ploying long term waste stabilization, where all or a portion of the process 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.

Commodity (fruits)	BOD5 effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kg of raw material)			
Apricots:			
Medium.....	0.977	0.619	0.300
Large.....	0.977	0.619	0.300
Caneberries:			
Medium.....	0.217	0.137	0.063
Large.....	0.217	0.137	0.063
Cherries:			
Sweet:			
Medium.....	0.370	0.237	0.121
Large.....	0.370	0.237	0.121
Sour:			
Medium.....	0.537	0.542	0.291
Large.....	0.537	0.542	0.291
Brined:			
Medium.....	0.671	0.376	0.229
Large.....	0.671	0.376	0.229
Cranberries:			
Medium.....	0.617	0.339	0.163
Large.....	0.617	0.339	0.163
Dried fruit:			
Medium.....	0.539	0.346	0.203
Large.....	0.539	0.346	0.203
Grape juice:			
Canning:			
Medium.....	0.469	0.391	0.149
Large.....	0.469	0.391	0.149
Pressing:			
Medium.....	0.089	0.656	0.027
Large.....	0.089	0.656	0.027
Olives:			
Medium.....	1.820	1.154	0.549
Large.....	1.820	1.154	0.549
Peaches:			
Canned:			
Medium.....	0.890	0.510	0.244
Large.....	0.890	0.510	0.244
Frozen:			
Medium.....	0.277	0.257	0.141
Large.....	0.277	0.257	0.141
Pears:			
Medium.....	0.531	0.373	0.193
Large.....	0.531	0.373	0.193
Pickles:			
Fresh pack:			
Medium.....	0.550	0.302	0.159
Large.....	0.550	0.302	0.159
Process pack:			
Medium.....	0.108	0.323	0.163
Large.....	0.108	0.323	0.163
Salt station:			
Medium.....	(1)	(1)	(1)
Large.....	(1)	(1)	(1)
Pineapples:			
Medium.....	0.839	0.554	0.257
Large.....	0.839	0.554	0.257
Plums:			
Medium.....	0.233	0.146	0.066
Large.....	0.233	0.146	0.066
Raisins:			
Medium.....	0.165	0.109	0.066
Large.....	0.165	0.109	0.066
Strawberries:			
Medium.....	0.526	0.330	0.150
Large.....	0.526	0.330	0.150
Tomatoes:			
-Peeled:			
Medium.....	0.375	0.236	0.108
Large.....	0.375	0.236	0.108
Products:			
Medium.....	0.231	0.175	0.075
Large.....	0.231	0.175	0.075
English units (lb/1,000 lb of raw material)			
Apricots:			
Medium.....	0.977	0.619	0.300
Large.....	0.977	0.619	0.300
Caneberries:			
Medium.....	0.217	0.137	0.063
Large.....	0.217	0.137	0.063

PROPOSED RULES

Commodity (fruits)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Cherries:			
Sweet:			
Medium.....	0.370	0.237	0.121
Large.....	0.370	0.237	0.121
Sour:			
Medium.....	0.857	0.542	0.261
Large.....	0.857	0.542	0.261
Brined:			
Medium.....	0.571	0.376	0.229
Large.....	0.571	0.376	0.229
Cranberries:			
Medium.....	0.517	0.330	0.165
Large.....	0.517	0.330	0.165
Dried fruit:			
Medium.....	0.539	0.346	0.203
Large.....	0.539	0.346	0.203
Grape juice:			
Canning:			
Medium.....	0.469	0.301	0.140
Large.....	0.469	0.301	0.140
Pressing:			
Medium.....	0.089	0.056	0.027
Large.....	0.089	0.056	0.027
Olives:			
Medium.....	1.826	1.154	0.549
Large.....	1.826	1.154	0.549
Peaches:			
Canned:			
Medium.....	0.806	0.510	0.244
Large.....	0.806	0.510	0.244
Frozen:			
Medium.....	0.277	0.257	0.141
Large.....	0.277	0.257	0.141
Pears:			
Medium.....	0.531	0.373	0.195
Large.....	0.531	0.373	0.195
Pickles:			
Fresh pack:			
Medium.....	0.580	0.362	0.159
Large.....	0.580	0.362	0.159
Process pack:			
Medium.....	0.503	0.323	0.163
Large.....	0.503	0.323	0.163
Salt station:			
Medium.....	(1)	(1)	(1)
Large.....	(1)	(1)	(1)
Pineapples:			
Medium.....	0.889	0.554	0.257
Large.....	0.889	0.554	0.257
Plums:			
Medium.....	0.233	0.146	0.069
Large.....	0.233	0.146	0.069
Raisins:			
Medium.....	0.165	0.109	0.069
Large.....	0.165	0.109	0.069
Strawberries:			
Medium.....	0.526	0.330	0.150
Large.....	0.526	0.330	0.150
Tomatoes:			
Peeled:			
Medium.....	0.375	0.236	0.103
Large.....	0.375	0.236	0.103
Products:			
Medium.....	0.281	0.175	0.075
Large.....	0.281	0.175	0.075

¹ No discharge.

(b) The following limitations establish the quantity of TSS controlled by this section, which may be discharged by an existing point source subject to the provisions of this subpart after application of the best available technology economically achievable. Any fruit 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. Fruit 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.

PROPOSED RULES

4924:

Commodity (fruits)	TSS effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kg of raw material)			
Apricots:			
Medium.....	1.923	1.094	0.622
Large.....	0.977	0.619	0.300
Caneberries:			
Medium.....	0.415	0.221	0.134
Large.....	0.217	0.137	0.063
Cherries:			
Sweet:			
Medium.....	0.753	0.460	0.244
Large.....	0.370	0.237	0.121
Sour:			
Medium.....	1.635	0.832	0.544
Large.....	0.857	0.542	0.261
Brined:			
Medium.....	1.323	0.674	0.423
Large.....	0.671	0.376	0.229
Cranberries:			
Medium.....	1.044	0.613	0.336
Large.....	0.517	0.330	0.165
Dried fruit:			
Medium.....	1.122	0.701	0.360
Large.....	0.559	0.345	0.193
Grape juice:			
Canning:			
Medium.....	0.918	0.496	0.297
Large.....	0.469	0.301	0.149
Pressing:			
Medium.....	0.175	0.099	0.056
Large.....	0.089	0.056	0.027
Olives:			
Medium.....	3.664	1.680	1.149
Large.....	1.836	1.154	0.649
Peaches:			
Canned:			
Medium.....	1.677	0.880	0.509
Large.....	0.890	0.510	0.244
Frozen:			
Medium.....	0.563	0.313	0.274
Large.....	0.277	0.237	0.141
Pears:			
Medium.....	1.200	0.755	0.383
Large.....	0.631	0.373	0.195
Pickles:			
Fresh pack:			
Medium.....	1.072	0.630	0.343
Large.....	0.650	0.362	0.179
Process pack:			
Medium.....	1.023	0.613	0.331
Large.....	0.563	0.323	0.163
Salt station:			
Medium.....	(C)	(C)	(C)
Large.....	(C)	(C)	(C)
Pineapples:			
Medium.....	1.690	0.907	0.546
Large.....	0.850	0.534	0.277
Plums:			
Medium.....	0.437	0.224	0.142
Large.....	0.233	0.146	0.066
Raisins:			
Medium.....	0.363	0.231	0.122
Large.....	0.165	0.109	0.066
Strawberries:			
Medium.....	0.696	0.519	0.322
Large.....	0.630	0.330	0.150
Tomatoes:			
Peeled:			
Medium.....	0.712	0.373	0.230
Large.....	0.375	0.236	0.108
Products:			
Medium.....	0.514	0.247	0.167
Large.....	0.251	0.175	0.075

English units (lb/1,000 lb of raw material)

Apricots:			
Medium.....	1.623	1.094	0.622
Large.....	.977	0.619	0.300
Caneberries:			
Medium.....	0.415	0.221	0.134
Large.....	0.217	0.137	0.063
Cherries:			
Sweet:			
Medium.....	0.753	0.460	0.244
Large.....	0.370	0.237	0.121
Sour:			
Medium.....	1.635	0.832	0.544
Large.....	0.857	0.542	0.261
Brined:			
Medium.....	1.323	0.674	0.423
Large.....	0.671	0.376	0.229
Cranberries:			
Medium.....	1.044	0.613	0.336
Large.....	0.517	0.330	0.165

PROPOSED RULES

Commodity (fruits)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Dried fruit:			
Medium.....	1.122	0.701	0.360
Large.....	0.539	0.316	0.203
Grape juice:			
Canning:			
Medium.....	0.918	0.496	0.297
Large.....	0.469	0.301	0.149
Pressing:			
Medium.....	0.175	0.099	0.056
Large.....	0.089	0.056	0.027
Olives:			
Medium.....	3.564	1.980	1.149
Large.....	1.826	1.164	0.649
Peaches:			
Canned:			
Medium.....	1.577	0.880	0.509
Large.....	0.806	0.510	0.244
Frozen:			
Medium.....	0.568	0.313	0.274
Large.....	0.277	0.257	0.141
Pears:			
Medium.....	1.209	0.755	0.383
Large.....	0.581	0.373	0.195
Pickles:			
Fresh pack:			
Medium.....	1.072	0.530	0.318
Large.....	0.530	0.362	0.159
Process Pack:			
Medium.....	1.028	0.613	0.331
Large.....	0.508	0.323	0.163
Salt station:			
Medium.....	(⁶)	(⁶)	(⁶)
Large.....	(⁶)	(⁶)	(⁶)
Pineapples:			
Medium.....	1.690	0.907	0.516
Large.....	0.880	0.554	0.257
Plums:			
Medium.....	0.437	0.224	0.143
Large.....	0.233	0.146	0.066
Raisins:			
Medium.....	0.383	0.281	0.123
Large.....	0.165	0.109	0.066
Strawberries:			
Medium.....	0.096	0.510	0.322
Large.....	0.526	0.330	0.150
Tomatoes:			
Peeled:			
Medium.....	0.712	0.373	0.230
Large.....	0.375	0.236	0.108
Products:			
Medium.....	0.514	0.247	0.167
Large.....	0.281	0.176	0.076

¹ No discharge.

(c) The following limitations establish the quality of pH and quantity of fecal coliforms 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 available technology economically achievable.

Effluent characteristic	Effluent limitations
pH.....	At all times within the range 6.0 to 9.5.
Fecal coliform.....	MPN shall not exceed 400 counts per 100 ml.

§ 407.64 Pretreatment standards for existing sources.

The pretreatment standards under section 307(c) of the Act for an existing source within the canned and preserved fruits subcategory, which is a user of a publicly owned treatment works (and which would be a new source subject to section 306 of the Act, if it were to discharge pollutants to the navigable waters), shall be the standard set forth in 40 CFR 128, except that, for the purpose of this section, 40 CFR 128.121, 128.122, 128.132, and 128.133 shall not apply. The following pretreatment standard establishes the quantity and quality of pol-

lutants 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 limitations.
TSS.....	Do.
pH.....	Do.
Fecal coliform.....	

§ 407.65 Standards of performance for new sources.

The following standards of performance establish the quantity of BOD5 controlled by this section, which may be discharged by a new point source subject to the provisions of this subpart. Any fruit 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. Fruit 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.

Commodity (fruits)	BOD ₅ effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kg of raw material)			
Apricots:			
Medium	0.977	0.619	0.300
Large	0.977	0.619	0.300
Caneberries:			
Medium	0.217	0.137	0.063
Large	0.217	0.137	0.063
Cherries:			
Sweet:			
Medium	0.370	0.237	0.121
Large	0.370	0.237	0.121
Sour:			
Medium	0.857	0.542	0.261
Large	0.857	0.542	0.261
Brined:			
Medium	0.571	0.376	0.229
Large	0.571	0.376	0.229
Cranberries:			
Medium	0.517	0.330	0.165
Large	0.517	0.330	0.165
Dried fruit:			
Medium	0.539	0.346	0.203
Large	0.539	0.346	0.203
Grape juice:			
Canning:			
Medium	0.409	0.301	0.140
Large	0.409	0.301	0.140
Pressing:			
Medium	0.069	0.056	0.027
Large	0.069	0.056	0.027
Olives:			
Medium	1.830	1.154	0.549
Large	1.830	1.154	0.549
Peaches:			
Canned:			
Medium	0.806	0.510	0.244
Large	0.806	0.510	0.244
Frozen:			
Medium	0.277	0.257	0.141
Large	0.277	0.257	0.141
Pears:			
Medium	0.581	0.373	0.195
Large	0.581	0.373	0.195
Pickles:			
Fresh pack:			
Medium	0.580	0.362	0.159
Large	0.580	0.362	0.159
Process pack:			
Medium	0.508	0.323	0.163
Large	0.508	0.323	0.163
Salt station:			
Medium	(0)	(0)	(0)
Large	(0)	(0)	(0)
Pineapples:			
Medium	0.889	0.554	0.257
Large	0.889	0.554	0.257
Plums:			
Medium	0.233	0.146	0.066
Large	0.233	0.146	0.066
Raisins:			
Medium	0.105	0.109	0.066
Large	0.105	0.109	0.066
Strawberries:			
Medium	0.559	0.330	0.150
Large	0.559	0.330	0.150
Tomatoes:			
Peeled:			
Medium	0.375	0.236	0.108
Large	0.375	0.236	0.108
Products:			
Medium	0.281	0.175	0.075
Large	0.281	0.175	0.075

English units (lb/1,000 lb of raw material)

Apricots:			
Medium	0.977	0.619	0.300
Large	0.977	0.619	0.300
Caneberries:			
Medium	0.217	0.137	0.063
Large	0.217	0.137	0.063
Cherries:			
Sweet:			
Medium	0.370	0.237	0.121
Large	0.370	0.237	0.121
Sour:			
Medium	0.857	0.542	0.261
Large	0.757	0.542	0.261
Brined:			
Medium	0.571	0.376	0.229
Large	0.571	0.376	0.229
Cranberries:			
Medium	0.517	0.330	0.165
Large	0.517	0.330	0.165

PROPOSED RULES

Commodity (fruits)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Dried fruit:			
Medium.....	0.539	0.346	0.203
Large.....	0.539	0.346	0.203
Grape juice:			
Canning:			
Medium.....	0.469	0.301	0.140
Large.....	0.469	0.301	0.140
Pressing:			
Medium.....	0.089	0.056	0.027
Large.....	0.089	0.056	0.027
Olives:			
Medium.....	1.826	1.154	0.549
Large.....	1.826	1.154	0.549
Peaches:			
Canned:			
Medium.....	0.806	0.510	0.244
Large.....	0.806	0.510	0.244
Frozen:			
Medium.....	0.277	0.257	0.141
Large.....	0.277	0.257	0.141
Pears:			
Medium.....	0.531	0.373	0.195
Large.....	0.531	0.373	0.195
Pickles:			
Fresh pack:			
Medium.....	0.580	0.362	0.159
Large.....	0.580	0.362	0.159
Process pack:			
Medium.....	0.508	0.323	0.163
Large.....	0.508	0.323	0.163
Salt station:			
Medium.....		(1)	(1)
Large.....		(1)	(1)
Pineapples:			
Medium.....	0.880	0.554	0.257
Large.....	0.880	0.554	0.257
Plums:			
Medium.....	0.233	0.146	0.066
Large.....	0.233	0.146	0.066
Raisins:			
Medium.....	0.165	0.109	0.066
Large.....	0.165	0.109	0.066
Strawberries:			
Medium.....	0.526	0.330	0.150
Large.....	0.526	0.330	0.150
Tomatoes:			
Peeled:			
Medium.....	0.375	0.236	0.108
Large.....	0.375	0.236	0.108
Products:			
Medium.....	0.281	0.175	0.075
Large.....	0.281	0.175	0.075

¹ No discharge.

(b) The following standards of performance establish the quantity of TSS controlled by this section, which may be discharged by a new point source subject to the provision of this subpart. Any fruit 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. Fruit 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 discharged at a controlled rate with state approval, shall meet only the annual average TSS limitations.

Commodity (fruits)	TSS effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units			
(kg/kg of raw material)			
Apricots:			
Medium.....	1.923	1.094	0.622
Large.....	0.977	0.610	0.300
Caneberries:			
Medium.....	0.415	0.221	0.134
Large.....	0.217	0.137	0.063
Cherries:			
Sweet:			
Medium.....	0.753	0.460	0.244
Large.....	0.370	0.237	0.121
Sour:			
Medium.....	1.636	0.952	0.544
Large.....	0.857	0.542	0.261
Brined:			
Medium.....	1.323	0.974	0.423
Large.....	0.571	0.370	0.229

Commodity (fruits)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Cranberries:			
Medium.....	1.044	0.618	0.336
Large.....	0.617	0.330	0.163
Dried fruit:			
Medium.....	1.122	0.701	0.360
Large.....	0.633	0.316	0.203
Grape juice:			
Canning:			
Medium.....	0.018	0.436	0.297
Large.....	0.469	0.301	0.140
Pressing:			
Medium.....	0.175	0.099	0.036
Large.....	0.069	0.036	0.027
Olives:			
Medium.....	3.564	1.630	1.149
Large.....	1.836	1.124	0.549
Peaches:			
Canned:			
Medium.....	1.577	0.830	0.509
Large.....	0.806	0.510	0.244
Frozen:			
Medium.....	0.663	0.313	0.274
Large.....	0.277	0.237	0.141
Pears:			
Medium.....	1.309	0.755	0.383
Large.....	0.681	0.373	0.193
Pickles:			
Fresh pack:			
Medium.....	1.072	0.530	0.343
Large.....	0.550	0.302	0.159
Process pack:			
Medium.....	1.028	0.613	0.331
Large.....	0.608	0.323	0.163
Salt station:			
Medium.....	()	()	()
Large.....	()	()	()
Pineapples:			
Medium.....	1.630	0.907	0.546
Large.....	0.889	0.534	0.257
Plums:			
Medium.....	0.437	0.224	0.142
Large.....	0.233	0.146	0.066
Raisins:			
Medium.....	0.383	0.281	0.122
Large.....	0.165	0.109	0.066
Strawberries:			
Medium.....	0.996	0.519	0.322
Large.....	0.536	0.330	0.159
Tomatoes:			
Peeled:			
Medium.....	0.712	0.373	0.230
Large.....	0.375	0.236	0.168
Products:			
Medium.....	0.614	0.247	0.167
Large.....	0.281	0.176	0.075

English units (lb/1,000 lb of raw material)

Apricots:			
Medium.....	1.028	1.094	0.622
Large.....	0.577	0.619	0.360
Caneberries:			
Medium.....	0.415	0.221	0.134
Large.....	0.217	0.137	0.083
Cherries:			
Sweet:			
Medium.....	0.728	0.460	0.244
Large.....	0.370	0.237	0.121
Sour:			
Medium.....	1.680	0.832	0.544
Large.....	0.857	0.542	0.281
Brined:			
Medium.....	1.328	0.674	0.423
Large.....	0.671	0.376	0.220
Cranberries:			
Medium.....	1.044	0.618	0.336
Large.....	0.617	0.330	0.163
Dried fruit:			
Medium.....	1.122	0.701	0.360
Large.....	0.633	0.316	0.203
Grape juice:			
Canning:			
Medium.....	0.018	0.436	0.297
Large.....	0.469	0.301	0.140
Pressing:			
Medium.....	0.175	0.099	0.036
Large.....	0.069	0.036	0.027
Olives:			
Medium.....	3.564	1.630	1.149
Large.....	1.836	1.124	0.549
Peaches:			
Canned:			
Medium.....	1.577	0.830	0.509
Large.....	0.806	0.510	0.244
Frozen:			
Medium.....	0.663	0.313	0.274
Large.....	0.277	0.237	0.141

PROPOSED RULES

Commodity (fruit)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Apples:			
Medium ¹	1.209	0.755	0.333
Large.....	0.581	0.373	0.195
Pickles:			
Fresh pack:			
Medium.....	1.072	0.530	0.318
Large.....	0.580	0.362	0.169
Process pack:			
Medium.....	1.028	0.613	0.331
Large.....	0.508	0.323	0.103
Salt station:			
Medium.....	(1)	(1)	(1)
Large.....	(1)	(1)	(1)
Pineapples:			
Medium.....	1.690	0.907	0.546
Large.....	0.680	0.554	0.257
Plums:			
Medium.....	0.437	0.224	0.142
Large.....	0.233	0.146	0.063
Raisins:			
Medium.....	0.383	0.281	0.122
Large.....	0.165	0.109	0.066
Strawberries:			
Medium.....	0.996	0.519	0.322
Large.....	0.526	0.330	0.150
Tomatoes:			
Peeled:			
Medium.....	0.712	0.373	0.230
Large.....	0.375	0.236	0.103
Produced:			
Medium.....	0.514	0.247	0.167
Large.....	0.231	0.175	0.075

¹ No discharge.

(c) The following standards of performance establish the quality of pH and quantity of fecal coliforms controlled by this section, which may be discharged by a "medium" or "large" new point source subject to the provisions of this subpart.

Effluent characteristic	Effluent limitations
pH.....	At all times within the range 6.0 to 9.5.
Fecal coliform....	MPN shall not exceed 400 counts per 100 ml.

§ 407.66 Pretreatment standards for new sources.

The pretreatment standards under section 307(c) of the Act for a new source within the canned and preserved fruits subcategory, which is a user of a publicly owned treatment works (and which would be a new source subject to section 306 of the Act, if it were to discharge pollutants to the navigable waters) shall be the standard set forth in 40 CFR 128, except that, for the purpose of this section, 40 CFR 128.121, 128.122, 128.132, and 128.133 shall not apply. The following pretreatment standard establishes the quantity and 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
BOD ₅	No limitations.
TSS.....	Do.
pH.....	Do.
Fecal coliform.....	Do.

Subpart G—Canned and Preserved Vegetables Subcategory

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

In establishing the limitations set forth in this section, EPA took into account all information it was able to collect, develop and solicit with respect to factors (such as age and size of plant, raw materials, manufacturing processes, products produced, treatment technology available, energy requirements and costs) which can affect the industry subcategorization and effluent levels established. It is, however, possible that data which would affect these limitations have not been available and, as a result, these limitations should be adjusted for certain plants in this industry. An individual discharger or other interested person may submit evidence to the Regional Administrator (or to the State, if the State has the authority to issue NPDES permits) that factors relating to the equipment or facilities involved, the process applied, or other such factors related to such discharger are fundamentally different from the factors considered in the establishment of the guidelines. On the basis of such evidence or other available information, the Regional Administrator (or the State) will make a written finding that such factors are or are not fundamentally different for that facility compared to those specified in the Development Document. If such fundamentally different factors are found to exist, the Regional Administrator or the

State shall establish for the discharger effluent limitations in the NPDES permit either more or less stringent than the limitations established herein, to the extent dictated by such fundamentally different factors. Such limitations must be approved by the Administrator of the Environmental Protection Agency. The Administrator may approve or disapprove such limitations, specify other limitations, or initiate proceedings to revise these regulations.

(a) The following limitations establish the quantity of BOD5 controlled by this section, which may be discharged by a "medium" 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. Effluent limitations for the cauliflower subcategory are based upon pounds (lb) or kilograms (kg) of pollutant per 1000 pounds (lb) or kilograms (kkg) of final product.

Commodity (vegetables)	BOD5 effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kkg of raw material)			
Asparagus.....	0.85	0.55	0.34
Beets.....	0.81	0.54	0.33
Broccoli.....	3.61	2.34	1.47
Brussels sprouts.....	1.23	0.81	0.51
Carrots.....	1.73	1.14	0.76
Cauliflower.....	1.53	1.23	0.81
Corn:			
Canned.....	0.70	0.45	0.32
Frozen.....	1.83	1.24	0.83
Dehydrated onion/garlic.....	2.40	1.55	0.93
Dehydrated vegetables.....	2.91	1.83	1.19
Dry beans.....	2.40	1.60	1.03
Lima beans.....	3.64	2.33	1.52
Mushrooms.....	2.93	1.94	1.24
Onions (canned).....	3.17	2.07	1.33
Peas:			
Canned.....	2.74	1.79	1.18
Frozen.....	2.63	1.33	0.83
Pimentos.....	3.67	2.53	1.69
Sauerkraut:			
Canning.....	0.49	0.32	0.21
Cutting.....	0.07	0.04	0.03
Snap beans:			
Canned.....	1.16	0.75	0.47
Frozen.....	2.12	1.37	0.83
Spinach:			
Canned.....	3.02	1.65	1.23
Frozen.....	1.77	1.14	0.72
Squash.....	0.85	0.57	0.40
Sweet potato.....	0.78	0.53	0.40
White potato (canned).....	1.30	0.86	0.60
English units (lb/1,000 lb of raw material)			
Asparagus.....	0.85	0.55	0.34
Beets.....	0.81	0.54	0.33
Broccoli.....	3.61	2.34	1.47
Brussels sprouts.....	1.23	0.81	0.51
Carrots.....	1.73	1.14	0.76
Cauliflower.....	1.53	1.23	0.81
Corn:			
Canned.....	0.70	0.45	0.32
Frozen.....	1.83	1.24	0.83
Dehydrated onion/garlic.....	2.40	1.55	0.93
Dehydrated vegetables.....	2.91	1.83	1.19
Dry beans.....	2.40	1.60	1.03
Lima beans.....	3.64	2.33	1.52
Mushrooms.....	2.93	1.94	1.24
Onions (canned).....	3.17	2.07	1.33
Peas:			
Canned.....	2.74	1.79	1.18
Frozen.....	2.63	1.33	0.83
Pimentos.....	3.67	2.53	1.69
Sauerkraut:			
Canning.....	0.49	0.32	0.21
Cutting.....	0.07	0.04	0.03
Snap beans:			
Canned.....	1.16	0.75	0.47
Frozen.....	2.12	1.37	0.83
Spinach:			
Canned.....	3.02	1.65	1.23
Frozen.....	1.77	1.14	0.72
Squash.....	0.85	0.57	0.40
Sweet potato.....	0.78	0.53	0.40
White potato (canned).....	1.30	0.86	0.60

PROPOSED RULES

(b) The following limitations establish the quantity of TSS controlled by the section, which may be discharged by a "medium" 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. Vegeta-

ble 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. Effluent limitations for the cauliflower subcategory are based upon pounds (lb) of kilograms (kg) of pollutant per 1000 pounds (lb) or kilograms (klkg) of final product.

Commodity (vegetables)	TSS effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/klkg of raw material)			
Asparagus.....	1.26	0.85	0.73
Beets.....	1.55	1.27	0.74
Broccoli.....	5.37	3.65	3.12
Brussels sprouts.....	1.85	1.26	1.03
Carrots.....	2.91	2.10	1.53
Cauliflower.....	2.93	1.99	1.70
Corn:			
Canned.....	1.28	1.03	0.63
Frozen.....	3.16	2.37	1.67
Dehydrated onion/garlic.....	3.56	2.42	2.07
Dehydrated vegetables.....	4.32	2.93	2.51
Dry beans.....	3.92	2.83	2.15
Lima beans.....	5.64	3.99	3.17
Mushrooms.....	4.59	3.21	2.59
Onions (canned).....	5.09	3.71	2.78
Peas:			
Canned.....	4.44	3.26	2.40
Frozen.....	3.33	2.47	1.79
Pimentos.....	6.35	4.62	3.47
Sauerkraut:			
Canning.....	0.78	0.57	0.43
Cutting.....	0.12	0.10	0.05
Snap beans:			
Canned.....	1.73	1.17	1.09
Frozen.....	3.25	2.27	1.81
Spinach:			
Canned.....	4.49	3.05	2.60
Frozen.....	2.62	1.78	1.52
Squash.....	1.57	1.25	0.78
Sweet potato.....	1.67	1.43	0.74
White potato (canned).....	2.39	1.93	1.18
English units (lb/1,000 lb of raw material)			
Asparagus.....	1.26	0.85	0.73
Beets.....	1.55	1.27	0.74
Broccoli.....	5.37	3.65	3.12
Brussels sprouts.....	1.85	1.26	1.03
Carrots.....	2.91	2.10	1.53
Cauliflower.....	2.93	1.99	1.70
Corn:			
Canned.....	1.28	1.03	0.63
Frozen.....	3.16	2.37	1.67
Dehydrated onion/garlic.....	3.56	2.42	2.07
Dehydrated vegetables.....	4.32	2.93	2.51
Dry beans.....	3.92	2.83	2.15
Lima beans.....	5.64	3.99	3.17
Mushrooms.....	4.59	3.21	2.59
Onions (canned).....	5.09	3.71	2.78
Peas:			
Canned.....	4.44	3.26	2.40
Frozen.....	3.33	2.47	1.79
Pimentos.....	6.35	4.62	3.47
Sauerkraut:			
Canning.....	0.78	0.57	0.43
Cutting.....	0.12	0.10	0.05
Snap beans:			
Canned.....	1.73	1.17	1.09
Frozen.....	3.25	2.27	1.81
Spinach:			
Canned.....	4.49	3.05	2.60
Frozen.....	2.62	1.78	1.52
Squash.....	1.57	1.25	0.78
Sweet potato.....	1.67	1.43	0.74
White potato (canned).....	2.39	1.93	1.18

(c) The following limitations establish the quality of pH controlled by this section, which may be discharged by a "medium" existing point source subject to the provisions of this subpart after application of the best practicable control technology currently available.

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

§ 407.73 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following effluent limitations establish the quantity of BOD₅ controlled by this section, which may be discharged by an existing point source subject to the

provisions of this subpart after application of the best available technology economically achievable. 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. Effluent limitations for the cauliflower subcategory are based upon pounds (lb) or kilograms (kg) of pollutant per 1000 pounds (lb) or kilograms (kg) of final product.

Commodity (vegetables)	BOD ₅ effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kg of raw material)			
Asparagus:			
Medium	0.280	0.163	0.070
Large	0.280	0.163	0.070
Beets:			
Medium	0.375	0.220	0.103
Large	0.375	0.220	0.103
Broccoli:			
Medium	1.630	1.020	0.431
Large	1.630	1.020	0.431
Brussels sprouts:			
Medium	1.657	1.027	0.420
Large	1.657	1.027	0.420
Carrots:			
Medium	0.810	0.518	0.206
Large	0.810	0.518	0.206
Cauliflower:			
Medium	2.356	1.460	0.577
Large	2.356	1.460	0.577
Corn:			
Canned:			
Medium	0.179	0.118	0.072
Large	0.179	0.118	0.072
Frozen:			
Medium	0.833	0.563	0.262
Large	0.833	0.563	0.262
Dehydrated onion/garlic:			
Medium	0.917	0.572	0.261
Large	0.917	0.572	0.261
Dehydrated vegetables:			
Medium	1.425	0.915	0.400
Large	1.425	0.915	0.400
Dry beans:			
Medium	1.183	0.747	0.332
Large	1.183	0.747	0.332
Lima beans:			
Medium	1.457	0.909	0.395
Large	1.457	0.909	0.395
Mushrooms:			
Medium	1.000	0.627	0.280
Large	1.000	0.627	0.280
Onions (canned):			
Medium	1.377	0.891	0.449
Large	1.377	0.891	0.449
Peas:			
Canned:			
Medium	1.022	0.654	0.339
Large	1.022	0.654	0.339
Frozen:			
Medium	0.857	0.542	0.257
Large	0.857	0.542	0.257
Pimentos:			
Medium	2.004	1.231	0.586
Large	2.004	1.231	0.586
Sauerkraut:			
Canning:			
Medium	0.225	0.143	0.071
Large	0.225	0.143	0.071
Cutting:			
Medium	0.027	0.017	0.009
Large	0.027	0.017	0.009
Snap beans:			
Canned:			
Medium	0.791	0.472	0.206
Large	0.791	0.472	0.206
Frozen:			
Medium	1.066	0.667	0.294
Large	1.066	0.667	0.294

PROPOSED RULES

Commodity (vegetables)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Spinach:			
Canned:			
Medium.....	0.852	0.532	0.231
Large.....	0.852	0.532	0.231
Frozen:			
Medium.....	1.037	0.645	0.272
Large.....	1.037	0.645	0.272
Squash:			
Medium.....	0.251	0.160	0.070
Large.....	0.251	0.160	0.070
Sweet potato:			
Medium.....	0.384	0.261	0.186
Large.....	0.384	0.261	0.186
White potato (canned):			
Medium.....	0.335	0.260	0.177
Large.....	0.335	0.260	0.177
English units (lb/1,000 lb of raw material)			
Asparagus:			
Medium.....	0.280	0.163	0.070
Large.....	0.280	0.163	0.070
Beets:			
Medium.....	0.375	0.250	0.103
Large.....	0.375	0.250	0.103
Broccoli:			
Medium.....	1.639	1.020	0.431
Large.....	1.639	1.020	0.431
Brussels sprouts:			
Medium.....	1.657	1.027	0.420
Large.....	1.657	1.027	0.420
Carrots:			
Medium.....	0.810	0.518	0.266
Large.....	0.810	0.518	0.266
Cauliflower:			
Medium.....	2.356	1.460	0.597
Large.....	2.356	1.460	0.597
Corn:			
Canned:			
Medium.....	0.179	0.118	0.072
Large.....	0.179	0.118	0.072
Frozen:			
Medium.....	0.893	0.563	0.262
Large.....	0.893	0.563	0.262
Dehydrated onion/garlic:			
Medium.....	0.947	0.592	0.261
Large.....	0.947	0.592	0.261
Dehydrated vegetables:			
Medium.....	1.465	0.915	0.400
Large.....	1.465	0.915	0.400
Dry beans:			
Medium.....	1.103	0.747	0.332
Large.....	1.103	0.747	0.332
Lima beans:			
Medium.....	1.457	0.900	0.395
Large.....	1.457	0.900	0.395
Mushrooms:			
Medium.....	1.000	0.627	0.230
Large.....	1.000	0.627	0.230
Onions (canned):			
Medium.....	1.397	0.891	0.449
Large.....	1.397	0.891	0.449
Peas:			
Canned:			
Medium.....	1.022	0.654	0.339
Large.....	1.022	0.654	0.339
Frozen:			
Medium.....	0.857	0.542	0.257
Large.....	0.857	0.542	0.257
Pimentos:			
Medium.....	2.004	1.251	0.580
Large.....	2.004	1.251	0.580
Sauerkraut:			
Canning:			
Medium.....	0.225	0.143	0.071
Large.....	0.225	0.143	0.071
Cutting:			
Medium.....	0.027	0.017	0.009
Large.....	0.027	0.017	0.009
Snap beans:			
Canned:			
Medium.....	0.791	0.492	0.206
Large.....	0.791	0.492	0.206
Frozen:			
Medium.....	1.066	0.667	0.294
Large.....	1.066	0.667	0.294
Spinach:			
Canned:			
Medium.....	0.852	0.532	0.231
Large.....	0.852	0.532	0.231
Frozen:			
Medium.....	1.037	0.645	0.272
Large.....	1.037	0.645	0.272
Squash:			
Medium.....	0.251	0.160	0.070
Large.....	0.251	0.160	0.070
Sweet potato:			
Medium.....	0.384	0.261	0.186
Large.....	0.384	0.261	0.186
White potato (canned):			
Medium.....	0.385	0.260	0.177
Large.....	0.385	0.260	0.177

(b) The following limitations establish the quantity of TSS controlled by this section, which may be discharged by any existing point source subject to the provisions of this subpart after application of the best available technology economically achievable. 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. Effluent limitations for the cauliflower subcategory are based upon pounds (lb) or kilograms (kg) of pollutant per 1000 pounds (lb) or kilograms (kkg) of final product.

Commodity (vegetables)	TSS effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kg of raw material)			
Asparagus:			
Medium.....	0.502	0.210	0.103
Large.....	0.280	0.103	0.070
Beets:			
Medium.....	0.019	0.719	0.291
Large.....	0.375	0.550	0.103
Broccoli:			
Medium.....	2.005	1.357	0.003
Large.....	1.039	1.020	0.431
Brussels sprouts:			
Medium.....	2.043	1.309	0.038
Large.....	1.057	1.027	0.420
Carrots:			
Medium.....	1.005	1.018	0.535
Large.....	0.810	0.518	0.208
Cauliflower:			
Medium.....	4.174	1.822	1.357
Large.....	2.356	1.400	0.077
Corn:			
Canned:			
Medium.....	0.415	0.205	0.132
Large.....	0.179	0.118	0.072
Frozen:			
Medium.....	1.719	0.023	0.555
Large.....	0.833	0.003	0.202
Dehydrated onion/garlic:			
Medium.....	1.750	0.874	0.570
Large.....	0.947	0.072	0.201
Dehydrated vegetables:			
Medium.....	2.705	1.331	0.877
Large.....	1.405	0.915	0.400
Dry beans:			
Medium.....	2.223	1.120	0.722
Large.....	1.103	0.747	0.332
Lima beans:			
Medium.....	2.031	1.308	0.800
Large.....	1.437	0.009	0.305
Mushrooms:			
Medium.....	1.872	0.020	0.006
Large.....	1.000	0.027	0.250
Onions (canned):			
Medium.....	2.833	1.052	0.911
Large.....	1.597	0.891	0.449
Peas:			
Canned:			
Medium.....	2.111	1.303	0.078
Large.....	1.022	0.004	0.339
Frozen:			
Medium.....	1.070	0.025	0.539
Large.....	0.857	0.042	0.257
Pimentos:			
Medium.....	3.836	2.094	1.239
Large.....	2.004	1.231	0.590
Sauerkraut:			
Canning:			
Medium.....	0.420	0.203	0.145
Large.....	0.225	0.143	0.071
Cutting:			
Medium.....	0.037	0.037	0.018
Large.....	0.027	0.017	0.009
Snap beans:			
Canned:			
Medium.....	1.425	0.060	0.403
Large.....	0.791	0.432	0.200
Frozen:			
Medium.....	1.080	0.089	0.642
Large.....	1.000	0.007	0.294
Spinach:			
Canned:			
Medium.....	1.007	0.700	0.508
Large.....	0.833	0.003	0.231
Frozen:			
Medium.....	1.870	0.877	0.609
Large.....	1.037	0.045	0.272
Squash:			
Medium.....	0.505	0.297	0.162
Large.....	0.251	0.100	0.079

PROPOSED RULES

Commodity (vegetables)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Sweet potato:			
Medium.....	1.013	0.856	0.329
Large.....	0.384	0.261	0.180
White potato (canned):			
Medium.....	0.981	0.799	0.310
Large.....	0.385	0.260	0.177
English units (lb/1,000 lb of raw material)			
Asparagus:			
Medium.....	0.502	0.210	0.163
Large.....	0.280	0.163	0.070
Beets:			
Medium.....	0.919	0.719	0.291
Large.....	0.375	0.250	0.103
Broccoli:			
Medium.....	2.065	1.387	0.903
Large.....	1.639	1.020	0.431
Brussels sprouts:			
Medium.....	2.943	1.309	0.953
Large.....	1.657	1.027	0.420
Carrots:			
Medium.....	1.665	1.018	0.535
Large.....	0.810	0.518	0.260
Cauliflower:			
Medium.....	4.174	1.852	1.357
Large.....	2.358	1.469	0.597
Corn:			
Canned:			
Medium.....	0.415	0.205	0.132
Large.....	0.179	0.118	0.072
Frozen:			
Medium.....	1.719	0.923	0.555
Large.....	0.893	0.563	0.262
Dehydrated onion/garlic:			
Medium.....	1.758	0.874	0.570
Large.....	0.947	0.592	0.261
Dehydrated vegetables:			
Medium.....	2.705	1.331	0.877
Large.....	1.465	0.915	0.400
Dry beans:			
Medium.....	2.228	1.126	0.722
Large.....	1.193	0.747	0.332
Lima beans:			
Medium.....	2.631	1.303	0.869
Large.....	1.457	0.909	0.395
Mushrooms:			
Medium.....	1.872	0.950	0.605
Large.....	1.000	0.627	0.280
Onions (canned):			
Medium.....	2.833	1.692	0.911
Large.....	1.307	0.891	0.449
Peas:			
Canned:			
Medium.....	2.111	1.303	0.678
Large.....	1.022	0.654	0.339
Frozen:			
Medium.....	1.670	0.925	0.539
Large.....	0.857	0.542	0.257
Pimentos:			
Medium.....	3.836	2.094	1.239
Large.....	2.004	1.251	0.596
Sauerkraut:			
Canning:			
Medium.....	0.450	0.263	0.145
Large.....	0.225	0.143	0.071
Cutting:			
Medium.....	0.057	0.037	0.018
Large.....	0.027	0.017	0.009
Snap beans:			
Canned:			
Medium.....	1.425	0.660	0.403
Large.....	0.791	0.492	0.200
Frozen:			
Medium.....	1.080	0.939	0.612
Large.....	1.066	0.667	0.291
Spinach:			
Canned:			
Medium.....	1.567	0.760	0.503
Large.....	0.852	0.532	0.231
Frozen:			
Medium.....	1.876	0.877	0.609
Large.....	1.037	0.645	0.272
Squash:			
Medium.....	0.505	0.297	0.162
Large.....	0.251	0.160	0.079
Sweet potato:			
Medium.....	1.013	0.856	0.320
Large.....	0.384	0.261	0.186
White potato (canned):			
Medium.....	0.981	0.799	0.310
Large.....	0.385	0.260	0.177

(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 available control technology economically achievable.

Effluent characteristic	Effluent limitations
pH	At all times within the range 6.0 to 9.5.
Fecal coliform	MPN shall not exceed 400 counts per 100 ml.

§ 407.74 Pretreatment standards for existing sources.

The pretreatment standards under section 307(c) of the Act for an existing source within the canned and preserved vegetables subcategory, which is a user of a publicly owned treatment works (and which would be a new source subject to section 306 of the Act, if it were to discharge pollutants to the navigable waters) shall be the standard set forth in 40 CFR 128, except that, for the purpose of this section, 40 CFR 128.121, 128.122, 128.132, and 128.133 shall not apply. The following pretreatment standard establishes the quantity and 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 limitations
TSS	Do.
pH	Do.
Fecal coliform	Do.

§ 407.75 Standards of performance for new sources.

The following standards of performance establish the quantity of BOD5 controlled by this section, which may be discharged by a new point source subject to the provisions of this subpart. 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. Effluent limitations for the cauliflower subcategory are based upon pounds (lb) or kilograms (kg) of pollutants per 1000 pounds (lb) or kilograms (kkg) of final product.

Commodity (vegetables)	BOD5 effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kkg of raw material)			
Asparagus:			
Medium	0.280	0.163	0.070
Large	0.290	0.163	0.070
Beets:			
Medium	0.875	0.220	0.103
Large	0.975	0.220	0.103
Broccoli:			
Medium	1.630	1.620	0.431
Large	1.630	1.620	0.431
Brussels sprouts:			
Medium	1.637	1.627	0.420
Large	1.637	1.627	0.420
Carrots:			
Medium	0.810	0.518	0.266
Large	0.810	0.518	0.266
Cauliflower:			
Medium	2.326	1.460	0.597
Large	2.326	1.460	0.597
Corn:			
Canned:			
Medium	0.179	0.118	0.072
Large	0.179	0.118	0.072
Frozen:			
Medium	0.833	0.563	0.262
Large	0.833	0.563	0.262
Dehydrated onion/garlic:			
Medium	0.947	0.592	0.261
Large	0.947	0.592	0.261
Dehydrated vegetables:			
Medium	1.465	0.915	0.400
Large	1.465	0.915	0.400
Dry beans:			
Medium	1.163	0.747	0.332
Large	1.163	0.747	0.332
Lima Beans:			
Medium	1.457	0.909	0.395
Large	1.457	0.909	0.395
Mushrooms:			
Medium	1.000	0.627	0.280
Large	1.000	0.627	0.280
Onions (canned):			
Medium	1.837	0.891	0.449
Large	1.837	0.891	0.449

PROPOSED RULES

Commodity (vegetables)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Peas:			
Canned:			
Medium	1.022	0.654	0.339
Large	1.022	0.654	0.339
Frozen:			
Medium	0.857	0.542	0.257
Large	0.857	0.542	0.257
Pimentos:			
Medium	2.004	1.251	0.586
Large	2.004	1.251	0.586
Sauerkraut:			
Canned:			
Medium	0.225	0.143	0.071
Large	0.225	0.143	0.071
Cutting:			
Medium	0.027	0.017	0.009
Large	0.027	0.017	0.009
Snap beans:			
Canned:			
Medium	0.791	0.492	0.203
Large	0.791	0.492	0.209
Frozen:			
Medium	1.068	0.667	0.294
Large	1.068	0.667	0.294
Spinach:			
Canned:			
Medium	0.852	0.532	0.231
Large	0.852	0.532	0.231
Frozen:			
Medium	1.037	0.645	0.273
Large	1.037	0.645	0.273
Squash:			
Medium	0.251	0.160	0.079
Large	0.251	0.160	0.079
Sweet potato:			
Medium	0.334	0.261	0.183
Large	0.334	0.261	0.183
White potato (canned):			
Medium	0.335	0.260	0.177
Large	0.335	0.260	0.177
English units (lb/1,000 lb of raw material)			
Asparagus:			
Medium	0.280	0.163	0.070
Large	0.280	0.163	0.070
Beets:			
Medium	0.375	0.250	0.103
Large	0.375	0.250	0.103
Broccoli:			
Medium	1.639	1.020	0.431
Large	1.639	1.020	0.431
Brussels sprouts:			
Medium	1.657	1.027	0.420
Large	1.657	1.027	0.420
Carrots:			
Medium	0.810	0.518	0.266
Large	0.810	0.518	0.266
Cauliflower:			
Medium	2.356	1.460	0.597
Large	2.356	1.460	0.597
Corn:			
Canned:			
Medium	0.179	0.118	0.072
Large	0.179	0.118	0.072
Frozen:			
Medium	0.893	0.563	0.262
Large	0.893	0.563	0.262
Dehydrated onion/garlic:			
Medium	0.947	0.592	0.261
Large	0.947	0.592	0.261
Dehydrated vegetables:			
Medium	1.465	0.915	0.400
Large	1.465	0.915	0.400
Dry beans:			
Medium	1.193	0.747	0.332
Large	1.193	0.747	0.332
Lima beans:			
Medium	1.457	0.909	0.395
Large	1.457	0.909	0.395
Mushrooms:			
Medium	1.000	0.627	0.280
Large	1.000	0.627	0.280
Onions (canned):			
Medium	1.397	0.891	0.449
Large	1.397	0.891	0.449
Peas:			
Canned:			
Medium	1.022	0.654	0.339
Large	1.022	0.654	0.339
Frozen:			
Medium	0.857	0.542	0.257
Large	0.857	0.542	0.257
Pimentos:			
Medium	2.004	1.251	0.586
Large	2.004	1.251	0.586

Commodity (vegetables)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Sauerkraut:			
Canning:			
Medium.....	0.225	0.143	0.071
Large.....	0.225	0.143	0.071
Cutting:			
Medium.....	0.027	0.017	0.009
Large.....	0.027	0.017	0.009
Snap beans:			
Canned:			
Medium.....	0.791	0.422	0.206
Large.....	0.791	0.422	0.206
Frozen:			
Medium.....	1.055	0.557	0.294
Large.....	1.055	0.557	0.294
Spinach:			
Canned:			
Medium.....	0.833	0.533	0.231
Large.....	0.833	0.533	0.231
Frozen:			
Medium.....	1.037	0.645	0.272
Large.....	1.037	0.645	0.272
Squash:			
Medium.....	0.251	0.160	0.079
Large.....	0.251	0.160	0.079
Sweet potato:			
Medium.....	0.334	0.201	0.156
Large.....	0.334	0.201	0.156
White potato (canned):			
Medium.....	0.335	0.200	0.177
Large.....	0.335	0.200	0.177

(b) The following limitations establish the quantity of TSS controlled by the section, which may be discharged by a new point source subject to the provisions of this subpart. 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 em-

ploying 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. Effluent limitations for the cauliflower subcategory are based upon pounds (lb) or kilograms (kg) of pollutants per 1000 pounds (lb) or kilograms (kkg) of final product.

Commodity (vegetables)	TSS effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kkg of raw material)			
Asparagus:			
Medium.....	0.602	0.210	0.163
Large.....	0.250	0.163	0.070
Beets:			
Medium.....	0.919	0.719	0.291
Large.....	0.375	0.250	0.103
Broccoli:			
Medium.....	2.965	1.337	0.963
Large.....	1.639	1.020	0.431
Brussels sprouts:			
Medium.....	2.943	1.320	0.853
Large.....	1.657	1.027	0.420
Carrots:			
Medium.....	1.625	1.015	0.635
Large.....	0.810	0.515	0.266
Cauliflower:			
Medium.....	4.174	1.832	1.357
Large.....	2.353	1.450	0.577
Corn:			
Canned:			
Medium.....	0.415	0.265	0.132
Large.....	0.179	0.115	0.073
Frozen:			
Medium.....	1.719	0.923	0.655
Large.....	0.853	0.563	0.262
Dehydrated onion/garlic:			
Medium.....	1.755	0.874	0.570
Large.....	0.947	0.592	0.261
Dehydrated vegetables:			
Medium.....	2.705	1.331	0.877
Large.....	1.465	0.915	0.400
Dry beans:			
Medium.....	2.223	1.126	0.722
Large.....	1.193	0.747	0.352
Lima beans:			
Medium.....	2.631	1.338	0.820
Large.....	1.457	0.900	0.395
Mushrooms:			
Medium.....	1.873	0.830	0.606
Large.....	1.000	0.627	0.280

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Commodity (vegetables)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Onions (canned):			
Medium.....	2.833	1.692	0.911
Large.....	1.397	0.891	0.419
Peas:			
Canned:			
Medium.....	2.111	1.303	0.678
Large.....	1.022	0.654	0.339
Frozen:			
Medium.....	1.670	0.925	0.539
Large.....	0.857	0.542	0.257
Plimentos:			
Medium.....	3.836	2.094	1.239
Large.....	2.004	1.251	0.580
Sauerkraut:			
Canning:			
Medium.....	0.450	0.263	0.145
Large.....	0.225	0.143	0.071
Cutting:			
Medium.....	0.057	0.037	0.018
Large.....	0.027	0.017	0.009
Snap beans:			
Canned:			
Medium.....	1.425	0.660	0.463
Large.....	0.791	0.492	0.266
Frozen:			
Medium.....	1.980	0.989	0.642
Large.....	1.066	0.667	0.294
Spinach:			
Canned:			
Medium.....	1.567	0.760	0.508
Large.....	0.852	0.532	0.231
Frozen:			
Medium.....	1.876	0.877	0.609
Large.....	1.037	0.645	0.272
Squash:			
Medium.....	0.505	0.297	0.163
Large.....	0.251	0.160	0.079
Sweet potato:			
Medium.....	1.013	0.856	0.320
Large.....	0.384	0.261	0.186
White potato (canned):			
Medium.....	0.981	0.709	0.310
Large.....	0.335	0.260	0.177
English units (lb/1,000 lb of raw material)			
Asparagus:			
Medium.....	0.562	0.210	0.163
Large.....	0.280	0.163	0.070
Beets:			
Medium.....	0.919	0.719	0.291
Large.....	0.375	0.250	0.103
Broccoli:			
Medium.....	2.965	1.387	0.963
Large.....	1.639	1.020	0.431
Brussels sprouts:			
Medium.....	2.943	1.309	0.938
Large.....	1.657	1.027	0.420
Carrots:			
Medium.....	1.665	1.018	0.535
Large.....	0.810	0.518	0.266
Cauliflower:			
Medium.....	4.174	1.852	1.357
Large.....	2.356	1.460	0.597
Corn:			
Canned:			
Medium.....	0.415	0.265	0.132
Large.....	0.179	0.118	0.072
Frozen:			
Medium.....	1.719	0.928	0.555
Large.....	0.893	0.563	0.262
Dehydrated onion/garlic:			
Medium.....	1.756	0.874	0.570
Large.....	0.947	0.592	0.261
Dehydrated vegetables:			
Medium.....	2.705	1.331	0.877
Large.....	1.465	0.915	0.400
Dry beans:			
Medium.....	2.228	1.126	0.722
Large.....	1.193	0.747	0.322
Lima beans:			
Medium.....	2.631	1.303	0.869
Large.....	1.457	0.809	0.393
Mushrooms:			
Medium.....	1.872	0.950	0.606
Large.....	1.000	0.627	0.280
Onions (canned):			
Medium.....	2.833	1.692	0.911
Large.....	1.397	0.891	0.449
Peas:			
Canned:			
Medium.....	2.111	1.303	0.678
Large.....	1.022	0.654	0.339
Frozen:			
Medium.....	1.670	0.925	0.539
Large.....	0.857	0.542	0.257
Plimentos:			
Medium.....	3.836	2.094	1.239
Large.....	2.004	1.251	0.580

Commodity (vegetables)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Sauerkraut:			
Canning:			
Medium	0.450	0.253	0.145
Large	0.225	0.143	0.071
Cutting:			
Medium	0.057	0.037	0.015
Large	0.027	0.017	0.009
Snap beans:			
Canned:			
Medium	1.425	0.660	0.453
Large	0.701	0.492	0.266
Frozen:			
Medium	1.269	0.663	0.442
Large	1.063	0.607	0.294
Spinach:			
Canned:			
Medium	1.567	0.760	0.503
Large	0.853	0.532	0.231
Frozen:			
Medium	1.878	0.877	0.600
Large	1.037	0.615	0.273
Squash:			
Medium	0.505	0.297	0.162
Large	0.251	0.160	0.079
Sweet potato:			
Medium	1.013	0.826	0.320
Large	0.384	0.251	0.136
White potato (canned):			
Medium	0.681	0.769	0.310
Large	0.355	0.250	0.177

(c) The following limitations establish the quality of pH controlled by this section, which may be discharged by a "medium" or "large" new point source subject to the provisions of this subpart.

Effluent characteristic	Effluent limitations
pH	At all times within the range 6.0 to 9.5.
Fecal coliform	MPN shall not exceed 400 counts per 100 ml.

§ 407.76 Pretreatment standards for new sources.

The pretreatment standards under section 307(c) of the Act for a new source within the canned and preserved vegetables subcategory, which is a user of a publicly owned treatment works (and which would be a new source subject to section 306 of the Act, if it were to discharge pollutants to the navigable waters) shall be the standard set forth in 40 CFR 128, except that, for the purpose of this section, 40 CFR 128.121, 128.122, 128.132, and 128.133 shall not apply. The following pretreatment standard establishes the quantity and 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
BOD ₅	No limitations.
TSS	Do.
pH	Do.
Fecal coliform	Do.

Subpart H—Canned and Miscellaneous Specialties Subcategory

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

In establishing the limitations set forth in this section, EPA took into account all

information it was able to collect, develop and solicit with respect to factors (such as age and size of plant, raw materials, manufacturing processes, products produced, treatment technology available, energy requirements and costs) which can affect the industry subcategorization and effluent levels established. It is, however, possible that data which would affect these limitations have not been available and, as a result, these limitations should be adjusted for certain plants in this industry. An individual discharger or other interested person may submit evidence to the Regional Administrator (or to the State, if the State has the authority to issue NPDES permits) that factors relating to the equipment or facilities involved, the process applied, or other such factors related to such discharger are fundamentally different from the factors considered in the establishment of the guidelines. On the basis of such evidence or other available information, the Regional Administrator (or the State) will make a written finding that such factors are or are not fundamentally different for that facility compared to those specified in the Development Document. If such fundamentally different factors are found to exist, the Regional Administrator or the State shall establish for the discharger effluent limitations in the NPDES permit either more or less stringent than the limitations established herein, to the extent dictated by such fundamentally different factors. Such limitations must be approved by the Administrator of the Environmental Protection Agency. The Administrator may approve or disapprove such limitations, specify other limitations, or initiate proceedings to revise these regulations.

(a) The following limitations establish the quantity of BOD₅ controlled by this section, which may be discharged by a "medium" existing point source subject to the provisions of this subpart

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after application of the best practicable control technology currently available. Any food specialty 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. Food specialty plants employing long term waste stabilization, where all or a por-

tion 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. Effluent limitations for the soups subcategory are based upon pounds (lb) or kilograms (kg) of pollutant per 1000 pounds (lb) or kilograms (kkg) of raw ingredients.

Commodity (specialties)	BOD ₅ effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kkg of final product)			
Added ingredients.....	1.30	0.80	0.33
Baby food.....	1.00	0.65	0.42
Chips:			
Potato.....	3.35	2.10	1.47
Corn.....	1.84	1.22	0.85
Tortilla.....	2.88	1.89	1.20
Ethnic foods.....	1.74	1.13	0.73
Jams/jellies.....	0.39	0.26	0.17
Mayonnaise and dressings.....	0.34	0.23	0.15
Soups.....	4.10	2.60	1.71
Tomato-starch-cheese canned specialties.....	1.77	1.14	0.72
English units (lb/1,000 lb of final product)			
Added ingredients.....	1.30	0.80	0.33
Baby food.....	1.00	0.65	0.42
Chips:			
Potato.....	3.35	2.10	1.47
Corn.....	1.84	1.22	0.85
Tortilla.....	2.88	1.89	1.20
Ethnic foods.....	1.74	1.13	0.73
Jams/jellies.....	0.39	0.26	0.17
Mayonnaise and dressings.....	0.34	0.23	0.15
Soups.....	4.10	2.60	1.71
Tomato-starch-cheese canned specialties.....	1.77	1.14	0.72

(b) The following limitations establish the quantity of TSS controlled by this section, which may be discharged by a "medium" existing point source subject to the provisions of this subpart after application of the best practicable control technology currently available. Any food specialty 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. Food specialty 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. Effluent limitations for the soups subcategory are based upon pounds (lb) or kilograms (kg) of pollutant per 1000 pounds (lb) or kilograms (kkg) of raw ingredients.

Commodity (specialties)	TSS effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kkg of final product)			
Added ingredients.....	0.00	0.00	0.00
Baby food.....	1.66	1.11	0.87
Chips:			
Potato.....	5.60	4.22	2.96
Corn.....	3.24	2.07	1.66
Tortilla.....	4.79	3.69	2.64
Ethnic foods.....	2.70	1.91	1.51
Jams/jellies.....	0.63	0.53	0.35
Mayonnaise and dressings.....	0.60	0.47	0.31
Soups.....	6.34	4.47	3.56
Tomato-starch-cheese canned specialties.....	2.62	1.78	1.62

Commodity (specialties)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
English units (lb/1,000 lb of final product)			
Added ingredients.....	0.00	0.00	0.00
Baby food.....	1.60	1.11	0.87
Chips:			
Potato.....	5.60	4.22	2.94
Corn.....	3.34	2.67	1.68
Tortilla.....	4.70	3.60	2.54
Ethnic foods.....	2.70	1.91	1.51
Jams/jellies.....	0.63	0.43	0.35
Mayonnaise and dressings.....	0.60	0.47	0.31
Soups.....	0.34	0.47	3.56
Tomato-starch-cheese canned specialties.....	2.62	1.78	1.52

(c) The following limitations establish the quantity of oil and grease and quality of pH controlled by this section, which may be discharged by a "medium" existing point source subject to the provisions of this subpart after application of the best practicable control technology currently available.

Effluent characteristic	Effluent limitations
Oil and grease.....	Shall not exceed 20 mg/l.
pH.....	At all times within the range 6.0 to 9.5.

§ 407.83 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following limitations establish the quantity of BOD₅ controlled by this sec-

tion, which may be discharged by an existing point source subject to the provisions of this subpart after application of the best available technology economically achievable. Any food specialty 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. Food specialty 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. Effluent limitations for the soups subcategory are based upon pounds (lb) or kilograms (kg) of pollutants per 1000 pounds (lb) of kilograms (kkg) of raw ingredients.

Commodity (specialties)	BOD ₅ effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kkg of final product)			
Added ingredients:			
Medium.....	0.652	0.400	0.164
Large.....	0.652	0.400	0.164
Baby food:			
Medium.....	0.424	0.267	0.125
Large.....	0.424	0.267	0.125
Chips:			
Potato:			
Medium.....	1.494	0.892	0.433
Large.....	1.494	0.892	0.433
Corn:			
Medium.....	1.631	0.623	0.320
Large.....	1.631	0.623	0.320
Tortilla:			
Medium.....	1.693	1.010	0.431
Large.....	1.693	1.010	0.431
Ethnic foods:			
Medium.....	0.637	0.433	0.200
Large.....	0.637	0.433	0.200
Jams/jellies:			
Medium.....	0.186	0.120	0.067
Large.....	0.186	0.120	0.067
Mayonnaise and dressings:			
Medium.....	0.291	0.130	0.071
Large.....	0.291	0.130	0.071
Soups:			
Medium.....	2.222	1.433	0.640
Large.....	2.222	1.433	0.640
Tomato-starch-cheese canned specialties:			
Medium.....	0.723	0.454	0.197
Large.....	0.723	0.454	0.197

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Commodity (specialties)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
English units (lb/1,000 lb of final product)			
Added Ingredients:			
Medium.....	0.652	0.400	0.164
Large.....	0.652	0.400	0.104
Baby food:			
Medium.....	0.424	0.267	0.125
Large.....	0.424	0.267	0.125
Chips:			
Potato:			
Medium.....	1.404	0.892	0.436
Large.....	1.404	0.892	0.436
Corn:			
Medium.....	1.031	0.662	0.350
Large.....	1.031	0.662	0.350
Tortilla:			
Medium.....	1.598	1.010	0.481
Large.....	1.598	1.010	0.481
Ethnic foods:			
Medium.....	0.697	0.438	0.200
Large.....	0.697	0.438	0.200
Jams/jellies:			
Medium.....	0.186	0.120	0.067
Large.....	0.186	0.120	0.067
Mayonnaise and dressings:			
Medium.....	0.201	0.130	0.071
Large.....	0.201	0.130	0.071
Soups:			
Medium.....	2.292	1.436	0.640
Large.....	2.292	1.436	0.640
Tomato-starch-cheese canned specialties:			
Medium.....	0.728	0.454	0.197
Large.....	0.728	0.454	0.197

(b) The following limitations establish the quantity of TSS controlled by this section, which may be discharged by an existing point source subject to the provisions of this subpart after application of the best available technology economically achievable. Any food specialty 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 limita-

tions. Food specialty 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. Effluent limitations for the soups subcategory are based upon pounds (lb) or kilograms (kg) of pollutants per 1000 pounds (lb) or kilograms (kkg) of raw ingredients.

Commodity (specialties)	TSS effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kkg of final product)			
Added Ingredients:			
Medium.....	0.00	0.00	0.00
Large.....	0.00	0.00	0.00
Baby food:			
Medium.....	0.818	0.444	0.264
Large.....	0.424	0.267	0.125
Chips potato:			
Medium.....	2.784	1.596	0.896
Large.....	1.404	0.892	0.436
Corn:			
Medium.....	2.510	1.362	0.693
Large.....	1.031	0.662	0.350
Tortilla:			
Medium.....	3.119	1.733	1.007
Large.....	1.598	1.010	0.481
Ethnic foods:			
Medium.....	1.326	0.698	0.428
Large.....	0.697	0.438	0.200
Jams/jellies:			
Medium.....	0.404	0.270	0.129
Large.....	0.186	0.120	0.067
Mayonnaise and dressings:			
Medium.....	0.432	0.284	0.138
Large.....	0.201	0.130	0.071
Soups:			
Medium.....	4.288	2.175	1.389
Large.....	2.292	1.436	0.640
Tomato-starch-cheese canned specialties:			
Medium.....	1.339	0.654	0.434
Large.....	0.728	0.454	0.197

Commodity (specialties)	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
English units (lb/1,000 lb of final product)			
Added ingredients:			
Medium.....	0.00	0.00	0.00
Large.....	0.00	0.00	0.00
Baby food:			
Medium.....	0.818	0.444	0.264
Large.....	0.424	0.237	0.125
Chips:			
Potato:			
Medium.....	2.784	1.553	0.826
Large.....	1.404	0.893	0.433
Corn:			
Medium.....	2.519	1.352	0.633
Large.....	1.031	0.662	0.350
Tortilla:			
Medium.....	3.119	1.733	1.007
Large.....	1.573	1.010	0.431
Ethnic foods:			
Medium.....	1.323	0.693	0.423
Large.....	0.677	0.433	0.200
Jams/jellies:			
Medium.....	0.494	0.270	0.129
Large.....	0.183	0.120	0.057
Mayonnaise and dressings:			
Medium.....	0.433	0.234	0.133
Large.....	0.291	0.135	0.071
Soups:			
Medium.....	4.253	2.175	1.333
Large.....	2.272	1.423	0.649
Tomato-starch-cheese canned specialties:			
Medium.....	1.333	0.634	0.434
Large.....	0.723	0.434	0.197

(c) The following limitations establish the quantity of oil and grease and fecal coliform, and 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.

Effluent characteristic	Effluent limitations
Oil and grease.....	Shall not exceed 20 mg/l.
pH	At all times within the range 6.0 to 9.5.
Fecal coliform.....	MPN shall not exceed 400 counts per 100 ml.

§ 407.84 Pretreatment standards for existing sources.

The pretreatment standards under section 307(c) of the Act for an existing source within the canned and miscellaneous specialties subcategory, which is a user of a publicly owned treatment works (and which would be a new source subject to section 306 of the Act, if it were to discharge pollutants to the navigable waters) shall be the standard set forth in 40 CFR 128, except that, for the purpose of this section, 40 CFR 128.121, 128.122, 128.132, and 128.133 shall not apply. The following pretreatment standard establishes the quantity and 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 limitations.
TSS	Do.
Oil and grease.....	Do.
pH	Do.
Fecal coliform.....	Do.

§ 407.85 Standards of performance for new sources.

The following standards of performance establish the quantity of BOD5 controlled by this section, which may be discharged by a new point source subject to the provisions of this subpart. Any food specialty 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. Food specialty plants employing long term waste stabilization, where all or a portion of the process waste water discharge is stored for the entire processing season, shall meet only the annual average BOD5 limitations. Effluent limitations for the soups subcategory are based upon pounds (lb) or kilograms (kg) of pollutants per 1000 pounds (lb) or kilograms (kg) of raw ingredients.

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Commodity (specialties)	BOD5 effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kg of final product)			
Added ingredients:			
Medium	0.652	0.400	0.164
Large	0.652	0.400	0.164
Baby food:			
Medium	0.424	0.267	0.125
Large	0.424	0.267	0.125
Chips:			
Potato:			
Medium	1.404	0.892	0.436
Large	1.404	0.892	0.436
Corn:			
Medium	1.031	0.662	0.350
Large	1.031	0.662	0.350
Tortilla:			
Medium	1.598	1.010	0.481
Large	1.598	1.010	0.481
Ethnic foods:			
Medium	0.697	0.438	0.200
Large	0.697	0.438	0.200
Jams/jellies:			
Medium	0.186	0.120	0.067
Large	0.186	0.120	0.067
Mayonnaise and dressings:			
Medium	0.201	0.130	0.071
Large	0.201	0.130	0.071
Soups:			
Medium	2.292	1.436	0.640
Large	2.292	1.436	0.640
Tomato-starch-cheese canned specialties:			
Medium	0.728	0.454	0.197
Large	0.728	0.454	0.197
English units (lb/1,000 lb of final product)			
Added ingredients:			
Medium	0.652	0.400	0.164
Large	0.652	0.400	0.164
Baby food:			
Medium	0.424	0.267	0.125
Large	0.424	0.267	0.125
Chips:			
Potato:			
Medium	1.404	0.892	0.436
Large	1.404	0.892	0.436
Corn:			
Medium	1.031	0.662	0.350
Large	1.031	0.662	0.350
Tortilla:			
Medium	1.598	1.010	0.481
Large	1.598	1.010	0.481
Ethnic foods:			
Medium	0.697	0.438	0.200
Large	0.697	0.438	0.200
Jams/jellies:			
Medium	0.186	0.120	0.067
Large	0.186	0.120	0.067
Mayonnaise and dressings:			
Medium	0.201	0.130	0.071
Large	0.201	0.130	0.071
Soups:			
Medium	2.292	1.436	0.640
Large	2.292	1.436	0.640
Tomato-starch-cheese canned specialties:			
Medium	0.728	0.454	0.197
Large	0.728	0.454	0.197

(b) The following limitations establish the quantity of TSS controlled by this section, which may be discharged by a new point source subject to the provisions of this subpart after application of the best available technology economically achievable. Any food specialty 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.

Food specialty 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. Effluent limitations for the soups subcategory are based upon pounds (lb) or kilograms (kg) of pollutants per 1000 pounds (lb) of kilograms (kkg) of raw ingredients.

Commodity (specialties)	TSS effluent limitations		
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—	Annual average of daily values for entire discharge period shall not exceed—
Metric units (kg/kg of final product)			
Added ingredients:			
Medium.....	0.00	0.00	0.00
Large.....	0.00	0.00	0.00
Baby food:			
Medium.....	0.818	0.444	0.224
Large.....	0.424	0.227	0.125
Chips:			
Potato:			
Medium.....	2.784	1.536	0.856
Large.....	1.494	0.872	0.436
Corn:			
Medium.....	2.519	1.323	0.633
Large.....	1.031	0.622	0.350
Tortilla:			
Medium.....	3.119	1.733	1.007
Large.....	1.573	1.010	0.431
Ethnic foods:			
Medium.....	1.326	0.673	0.423
Large.....	0.677	0.433	0.200
Jams/jellies:			
Medium.....	0.404	0.270	0.129
Large.....	0.189	0.120	0.067
Mayonnaise and dressings:			
Medium.....	0.433	0.234	0.133
Large.....	0.201	0.130	0.071
Soups:			
Medium.....	4.233	2.175	1.339
Large.....	2.292	1.433	0.649
Tomato-starch-cheese canned specialties:			
Medium.....	1.339	0.654	0.434
Large.....	0.723	0.454	0.197
English units (lb/1,000 lb of final product)			
Added ingredients:			
Medium.....	0.00	0.00	0.00
Large.....	0.00	0.00	0.00
Baby food:			
Medium.....	0.818	0.444	0.224
Large.....	0.424	0.227	0.125
Chips:			
Potato:			
Medium.....	2.784	1.536	0.856
Large.....	1.494	0.872	0.436
Corn:			
Medium.....	2.519	1.323	0.633
Large.....	1.031	0.622	0.350
Tortilla:			
Medium.....	3.119	1.733	1.007
Large.....	1.573	1.010	0.431
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Large.....	0.677	0.433	0.200
Jams/jellies:			
Medium.....	0.404	0.270	0.129
Large.....	0.189	0.120	0.067
Mayonnaise and dressings:			
Medium.....	0.433	0.234	0.133
Large.....	0.201	0.130	0.071
Soups:			
Medium.....	4.233	2.175	1.339
Large.....	2.292	1.433	0.649
Tomato-starch-cheese canned specialties:			
Medium.....	1.339	0.654	0.434
Large.....	0.723	0.454	0.197

(c) The following limitations establish the quantity of oil and grease and fecal coliform, and quality of pH controlled by this section, which may be discharged by a "medium" or "large" new point source subject to the provisions of this subpart.

Effluent characteristic	Effluent limitations
Oil and grease.....	Shall not exceed 20 mg/l
pH	At all times within the range 6.0 to 9.5.
Fecal coliform.....	MPN shall not exceed 400 counts per 100 ml.

§ 407.86 Pretreatment standards for new sources.

The pretreatment standards under section 307(c) of the Act for a new source within the canned and miscellaneous specialties subcategory, which is a user

of a publicly owned treatment works (and which would be a new source subject to section 306 of the Act, if it were to discharge pollutants to the navigable waters) shall be the standard set forth in 40 CFR 128, except that, for the purpose of this section, 40 CFR 128.121, 128.122, 128.132, and 128.133 shall not apply. The following pretreatment standard establishes the quantity and 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 limitations.
TSS	Do.
Oil and grease.....	Do.
pH	Do.
Fecal coliform.....	Do.

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