

Subsection U - Sector U-Food and Kindred Products

U.1 Covered Stormwater Discharges.

The requirements in Subsection U apply to stormwater discharges associated with industrial activity from food and kindred products facilities as identified by the SIC Codes specified in Table D-1 of Appendix D of the permit.

U.2 Industrial Activities Covered by Sector U.

Permittees under Sector U are primarily engaged in the following types of activities:

U.2.1 meat products;

U.2.2 dairy products;

U.2.3 canned, frozen, and preserved fruits, vegetables, and food specialties;

U.2.4 grain mill products;

U.2.5 bakery products;

U.2.6 sugar and confectionery products;

U.2.7 fats and oils;

U.2.8 beverages; and

U.2.9 miscellaneous food preparations and kindred products and tobacco products manufacturing.

U.3 Limitations on Coverage.

The following are not covered by this permit: stormwater discharges identified under Part 1.3.4 from industrial plant yards; material handling sites; refuse sites; sites used for application or disposal of process wastewaters; sites used for storage and maintenance of material handling equipment; sites used for residential wastewater treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; and storage areas for raw material and intermediate and finished products. This includes areas where industrial activity has taken place in the past and significant materials remain. Material handling activities include the storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, finished product, by-product, or waste product.

U.3.1 Prohibition of Non-Stormwater Discharges. (See also Part 1.3.4) The following are not authorized by this permit: discharges subject to Part 1.3.2.2, which includes discharges containing boiler blowdown, cooling tower overflow and blowdown, ammonia

refrigeration purging, and vehicle washing and clean-out operations.

U.4 Stormwater Pollution Prevention Plan (SWPPP) Requirements.

In addition to the following requirements, you must also comply with the requirements listed in Part 2 of the permit.

U.4.1 Drainage Area Site Map. (See also Part 2.1.2) Identify the locations of the following activities if they are exposed to precipitation or runoff: vents and stacks from cooking, drying, and similar operations; dry product vacuum transfer lines; animal holding pens; spoiled product; and broken product container storage areas.

U.4.2 Potential Pollutant Sources. (See also Part 2.1.4) Describe, in addition to food and kindred products processing-related industrial activities, application and storage of pest control chemicals (e.g., rodenticides, insecticides, fungicides) used on plant grounds.

U.4.3 Inspections. (See also Part 2.1.5.6) Inspect on a monthly basis, at a minimum, the following areas where the potential for exposure to stormwater exists: loading and unloading areas for all significant materials; storage areas, including associated containment areas; waste management units; vents and stacks emanating from industrial activities; spoiled product and broken product container holding areas; animal holding pens; staging areas; and air pollution control equipment.

U.4.4 Employee Training. (See also Part 2.1.5.7) Address pest control in the training program.

U.5 Monitoring and Reporting Requirements. (See also Part 3 of the permit.)

Table U-1. Sector-specific Numeric Effluent Limitations and Benchmark Monitoring			
Subsector (Discharges may be subject to requirements for more than one Sector / Subsector)	Parameter	Benchmark Monitoring Concentration¹	Effluent Limit Guidelines
Grain Mill Products (SIC 2041-2048)	Total Suspended Solids (TSS)	100 mg/L	--
Fats and Oils Products (SIC 2074-2079)	Biochemical Oxygen Demand (BOD ₅)	30 mg/L	--
	Chemical Oxygen Demand (COD)	120 mg/L	--
	Nitrate plus Nitrite Nitrogen	0.68 mg/L	--
	Total Suspended Solids (TSS)	100 mg/L	--

Table U-1. Sector-specific Numeric Effluent Limitations and Benchmark Monitoring			
Subsector (Discharges may be subject to requirements for more than one Sector / Subsector)	Parameter	Benchmark Monitoring Concentration¹	Effluent Limit Guidelines
Meat Products; Dairy Products; Canned, Frozen, and Preserved Fruits, Vegetables, and Food Specialties; Bakery Products; Sugar and Confectionery Products; Beverages; Miscellaneous Food Preparations and Kindred Products; and Tobacco Products (SIC 2011-2015, 2021-2026, 2032-2038, 2051-2053, 2061-2068, 2082-2087, 2091-2099, 2111-2141)	Total Suspended Solids (TSS)	100 mg/L	--

¹You must monitor quarterly in the first year of your coverage for each benchmark parameter (see Part 3.2.2.1). For each parameter, no additional benchmark monitoring is required if the average of your 4 monitoring values does not exceed the benchmark (see Part 3.2.2.3). However, for each parameter there are additional requirements if the average of your four monitoring values exceeds the benchmark (see Part 3.2.2.4).