

APPENDIX I.U - Storm Water Discharges Associated with Industrial Activity from Food and Kindred Products Facilities

A. Coverage of This Section.

1. Discharges Covered Under This Section. The requirements listed under this Part shall apply to storm water discharges from the following activities:

Table I.U.1 – Sector U: Food and Kindred Products Facilities

| SIC Code | Activity Represented |
|-------------|--|
| 2011 – 2015 | Grain Mill Products |
| 2021 – 2026 | Fats and Oils Products |
| 2032 – 2038 | Meat Products |
| 2041 – 2048 | Dairy Products |
| 2051 – 2053 | Canned, Frozen, and Preserved Fruits, Vegetables, and Food Specialties |
| 2061 – 2068 | Bakery Products |
| 2074 – 2079 | Sugar and Confectionery Products |
| 2082 – 2087 | Beverages |
| 2091 – 2099 | Miscellaneous Food Preparations and Kindred Products |
| 2111 – 2141 | Tobacco Products |

2. Sector Specific Limitations on Coverage. There are no additional limitations on coverage other than those listed in *Part I.C.*
3. Sector Specific Prohibition of Non-Stormwater Discharges. In addition to those non-storm water discharges prohibited under *Part I.D.*, this permit does not authorize the discharge of:
 - a. Boiler blowdown;
 - b. Cooling tower overflow and blowdown;
 - c. Ammonia refrigeration purging; and
 - d. Vehicle washing and clean-out operations.

B. Sector Specific Control Measures and Effluent Limits.

In addition to the control measures and effluent limits in *Part III*, the permittee shall implement the following to minimize pollutant discharges, as applicable:

1. Employee Training. Employee training shall include the following areas, at a minimum, as topics for applicable personnel:
 - a. Procedures for pest control.

C. Sector Specific Inspection Requirements.

In addition to the inspection requirements in *Part IV.A*, the permittee shall also inspect the following areas, if they are located at the facility:

1. Loading and unloading areas for all significant materials;
2. Storage areas, including associated containment areas;
3. Waste management units;
4. Vents and stacks emanating from industrial activities;
5. Spoiled product and broken product container holding areas;
6. Animal holding pens;
7. Staging areas; and
8. Air pollution control equipment.

D. Sector Specific Plan Requirements.

1. **Site Map.** In addition to the requirements in *Part VII.D.3*, the site map shall also include the location of the following, if applicable:
 - a. Vents and stacks from cooking, drying, and similar operations;
 - b. Dry product vacuum transfer lines;
 - c. Animal holding pens;
 - d. Spoiled product; and
 - e. Broken product container storage areas.
2. **Summary of Potential Pollutant Sources.** In addition to the requirements in *Part VII.D.4*, the Plan summary of potential pollutant sources inventory shall also include the following, as applicable:
 - a. Application and storage of pest control chemicals (i.e. rodenticides, insecticides, fungicides) used on plant grounds.

E. Monitoring Requirements.

1. **Analytical Benchmark Monitoring.** The following analytical benchmark monitoring parameters shall apply specifically to sector U facilities. Parameters found in this Part apply to both primary industrial activities and any co-located industrial activities. The facility may be subject to the requirements of more than one of the following:

Table I.U.2 – Analytical Benchmark Monitoring Parameters for Grain Mill Products (SIC 2041 – 2048)

| Parameter | Benchmark Monitoring Concentration |
|-------------------------------------|------------------------------------|
| Total Suspended Solids ¹ | 100 mg/L |

¹. Sampling for total suspended solids is not required for stormwater discharges that are infiltrating to groundwater.

Table I.U.3 – Analytical Benchmark Monitoring Parameters for Fats and Oils Products (SIC 2074 – 2079)

| Parameter | Benchmark Monitoring Concentration |
|-------------------------------------|---|
| Biochemical Oxygen Demand | 30 mg/L |
| Chemical Oxygen Demand | 120 mg/L |
| Nitrate plus Nitrite Nitrogen | 0.68 mg/L |
| Total Suspended Solids ¹ | 100 mg/L |

¹. Sampling for total suspended solids is not required for stormwater discharges that are infiltrating to groundwater.

2. Numeric Effluent Limitation Monitoring. There are no numeric effluent limitation parameters for Sector U facilities in this permit. Any additional monitoring and reporting requirements shall be based on the nature of activities at the facility and the facility stormwater discharges, in accordance with *Part V.D.2*.