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**ITEM 1009 - INDUSTRIAL WASTES**

**Section 1009.01 Approval To Discharge Required**

No industrial waste shall be discharged, either directly or indirectly, into any sewer within the District or under the control of the Sanitary Engineer without a Wastewater Discharge Permit and/or Industrial Discharge Permit issued by the Sanitary Engineer.

**Section 1009.02 Requirement To Control Discharge**

Whenever necessary, in the opinion of the Sanitary Engineer, a person, firm or corporation discharging or proposing to discharge industrial wastes into any sewer, shall at his expense, provide such facilities as may be necessary to:

- A. Reduce or modify the objectionable characteristics or constituents of such industrial wastes to meet the limits or conditions provided for in Item 1004 hereof.
- B. Control the quantities and rates of discharge of such industrial wastes over a 24 hour day and seven day week.

**Section 1009.03 Order To Install Not Required**

Any person, firm or corporation may install the facilities as noted in Section 1009.02, if he so chooses, without any order from the Sanitary Engineer.

**Section 1009.04 Approval Of Plans Required**

Plans, specifications and any other pertinent information relating to such treatment or control facilities shall be submitted for the approval of the Sanitary Engineer and no construction of such facilities shall be commenced until said approval is obtained in writing.

**Section 1009.05 Maintenance Of Facilities**

Where such facilities are provided, they shall be maintained continuously in satisfactory and effective operation by the Owner at his expense and shall be subject to periodic inspection by the Sanitary Engineer. The Owner shall maintain operating records and shall submit to the Sanitary Engineer, as requested, a summary report of the character of the influent and effluent to show the performance of the treatment facilities.

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**Section 1009.06      Cooling Water Discharges**

Unpolluted water from air conditioning, cooling or condensing systems or swimming pools shall be discharged to a storm sewer or natural outlet.

Unpolluted water from air conditioning, cooling or condensing systems or swimming pools shall not be discharged to a sanitary sewer without written approval of the Sanitary Engineer.

**Section 1009.07      Polluted Cooling Water Discharges**

Industrial cooling water, which may be polluted with insoluble oils or grease or suspended solids, shall be pretreated for removal of the pollutants and the resultant clear water shall be discharged in accordance with Section 1009.06.

**Section 1009.08      Control Manholes**

When required by the Sanitary Engineer, the Owner of any property served by a building sewer carrying industrial wastes or other than "normal sewage" as defined in Item 1010 shall construct and maintain suitable control manholes or approved access point together with such meters and appurtenances as the Sanitary Engineer may determine necessary to permit observation, measurement and sampling of the wastes prior to commingling with any sanitary wastewater.

**Section 1009.09      Grease, Oil And Sand Interceptors**

Grease, oil and sand interceptors shall be provided when, in the opinion of the Sanitary Engineer, they are necessary for the proper handling of wastewater containing FOG, sand, grit, or other harmful components that shall be discharged into a POTW. All interceptors and control manholes shall be of a type and capacity approved by the Sanitary Engineer and shall be so located as to be readily and easily accessible for cleaning, inspection, and sampling. They shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature and shall be of substantial construction, gas tight, water tight and equipped with easily removable covers. A control manhole is required to be installed on the discharge line of the interceptor.

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- A. Applicability – The following facilities shall connect all interior fixtures that may discharge FOG into the wastewater collection system. This shall include sinks, dishwashers, floor drains in food preparation areas, and any other fixtures through which FOG may be discharged, into an interceptor:
1. Every food service establishment, including but not limited to bakeries, boardinghouses, butcher shops, cafes, clubhouses, commercial kitchens, delicatessens, fat-rendering plants, ice-cream parlors, hospitals, meat packing plants, restaurants, schools, slaughter houses, soap factories, and similar facilities, especially where meat, poultry, seafood, dairy products or fried foods are prepared or served;
  2. All shopping centers that have food-processing facilities;
  3. All food courts;
  4. All commercial car washes, motor vehicle repair shops; and
  5. All other facilities discharging or having the potential to discharge FOG in amounts that, in the opinion of the Sanitary Engineer, will, alone or in combination with other substances from the discharges of the same or other facilities, have a reasonable chance to inhibit flow in the sanitary sewer.
  6. All new areas of intensified use or dwelling, including, but not limited to adult day-care facilities, assisted-living facilities, convalescent homes, day nursing and childcare facilities, in which food preparation occurs, homes for the mentally challenged, hotels, maternity homes, motels in which there is a commercial food-preparation service, nursing homes, retirement and life-care communities and homes, and truck stops with commercial food service, shall be required to have grease interceptors. Modifications to existing facilities that do not add new buildings or new FOG-generating activities are exempt from this requirement.

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7. Interceptors shall not be required for single-family or multi-family residences, including apartment complexes, unless the Sanitary Engineer first determines there are discharges from the property that may create problems in the sanitary sewer system. The determination shall be made based upon an investigation of the property and a comparison of the content and amount of discharge from the property with the discharges of other properties similar in size and use. Upon a determination that the discharge may create problems in the sanitary sewer system, the Sanitary Engineer may require the installation of a sufficiently sized interceptor to pretreat the discharge.

**B. Compliance and Timeline:**

1. Existing food service facilities (except those existing facilities described in Section 1009.09.A.7 above) shall be required to install an approved interceptor when any of the following conditions exist:
  - a. The facility is found by the County to be contributing FOG in excess of the allowable limit listed in 1010.02, in quantities sufficient to inhibit sanitary sewer flow or necessitate increased maintenance on the sanitary sewer collection system in order to prevent impairments to the main line flow.
  - b. The facility is changing the food preparation equipment or the building plumbing in such a manner to be subject to the plan review and building permit process of the issuing authority.
  - c. The facility maintains an interceptor and is found to be equipped with an undersized interceptor. Such a facility shall, within ninety (90) days of written notification, install an adequately sized interceptor in accordance with these Rules and Regulations.

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- e. The facility is required by these Rules and Regulations to maintain an interceptor and is found not to be equipped with an interceptor. Such a facility shall, within sixty (60) days of written notification, install an adequately sized interceptor in accordance with these Rules and Regulations.
  2. New facilities required to maintain an interceptor shall install such a unit prior to commencement of discharge to the sanitary sewer system.
  3. Any requests for extensions to installation dates must be made in writing to the Sanitary Engineer at least thirty (30) days in advance of the compliance date. The written request shall include the reasons for the facility's failure or inability to comply with the compliance date set forth, the additional time needed to complete the remaining work, and the steps to be taken to avoid future delays. IF APPROVED, The Sanitary Engineer shall determine the date for compliance.
  4. All facilities should use best management practices for FOG in order to reduce the concentration in sanitary discharge.
- C. Discharge Criteria:
1. Where bulk oil and grease are a byproduct of food preparation and/or cleanup, the facility shall be required to place waste oil and grease into separate containers for proper disposal. Bulk waste oil and grease shall not be discharged to any drains or grease interceptors. Such waste shall be placed in a container designed to hold such waste and either utilized by industry or disposed of at suitable locations.
  2. None of the following agents shall be placed directly into an interceptor, or into any drain that leads to the interceptor:
    - a. Emulsifiers, de-emulsifiers, surface active agents, enzymes, degreasers, or any type of product that will liquefy grease interceptor wastes;
    - b. Any substance that may cause excessive foaming in the sanitary sewer system; or

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c. Any substance capable of passing the solid or semi-solid contents of the grease interceptor to the sanitary sewer system.

3. The influent to interceptors shall not exceed 140 degrees Fahrenheit (140° F).

4. Toilets, urinals, and other similar fixtures shall not discharge through an interceptor.

D. Requirements for Interceptors:

1. The facility must apply for all necessary permits prior to installation of any interceptor or control manhole.

2. The inspector assigned by the Sanitary Engineer will oversee the installation of the interceptor or control manhole.

3. Interceptors shall have a capacity of 15 percent of the daily flow, or a minimum of 1,000 gallons, or as directed by the Sanitary Engineer.

4. A control manhole shall be installed on the effluent line of each interceptor. The basin shall be installed in such a manner as to be protected from storm water contamination and maintained in a safe and proper operating condition. The opening on the sample basin must be easily accessible and located in a non traffic area.

E. Interceptor Maintenance:

1. It shall be unlawful for a facility to allow interceptor waste to be removed from his premises by a transporter who does not have all applicable Federal, State, or local permits or registrations, including any permit required by the Portage County Health Department.

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2. Facilities are responsible for maintaining interceptors in continuous proper working condition. Further, facilities are responsible for inspecting, repairing, replacing, or installing apparatus and equipment as necessary to ensure proper operation and function of interceptors and compliance with discharge limitations at all times. All interceptors shall be maintained by the facility at the facility's expense.

**F. Interceptor Cleaning Frequency:**

1. Unless otherwise specified in writing by the Sanitary Engineer, each interceptor in active use shall be cleaned at least once every calendar quarter or more frequently as needed to prevent carry over into the sanitary sewer system. The Sanitary Engineer may specify cleaning more frequently when quarterly pumping is determined by the Sanitary Engineer to be inadequate. The facility shall be responsible for providing such additional pumping as needed.
2. Any facility desiring a schedule less frequent than quarterly shall submit a written request to the Sanitary Engineer and demonstrate to the Sanitary Engineer that the pumping frequency can be performed at greater intervals without impairment of the operation of the public sewer. The Sanitary Engineer will evaluate said request, and take appropriate action.
3. Discharge limits stated in Section 1010.02 apply regardless of the cleaning interval.

**G. Interceptor Maintenance Log:**

1. Every facility having an interceptor shall maintain an Interceptor Maintenance Log indicating each pumping for the previous twelve (12) months. This log shall include the date, time, amount pumped, hauler and disposal site, printed name and signature of the individual recording the information, and shall be kept in a conspicuous location on the premises of the facility for inspection. Said log shall be made immediately available to any authorized inspector.
2. The following records must be kept on file at the facility:

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- a. The interceptor's location, usage and maintenance schedule.
  - b. Hauling slips indicating the date of service, amount hauled, the hauling company name, address, telephone number, and contact persons:
    - i. Be signed by the operator of the hauling company.
    - ii. Copies must be submitted to the Sanitary Engineer within 10 days of the cleaning event.
  - c. Records of maintenance are required to be maintained on site for three (3) years.

H. Fees:

- 1. An additional fee, in lieu of a permit, is required for each interceptor. The fee shall be \$8.33 per billing month or \$25.00 per billing quarter for each interceptor.
- 2. Non-payment of the interceptor fee shall be charged and processed in the same manner as other charges per Section 1405.10, with payments applied first to the Sewer Service Charge and then to the interceptor fee.
- 3. Customers who previously paid for interceptor permits of \$200.00 for two (2) years shall not be charged the quarterly interceptor fee until the expiration of their current permit.

I. Violation:

- 1. The County may suspend water or sewer service when such suspension is necessary, in the opinion of the Sanitary Engineer, in order to stop an actual or threatened discharge which:
  - a. Presents or may present an imminent or substantial endangerment to the health or welfare of persons or the environment;



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- b. Causes or may cause stoppages or excessive maintenance to be required to prevent stoppages in the sanitary sewer collection system; or
  - c. Causes interference to the sanitary sewer system; or
  - d. Causes the County to violate any condition of any of its NPDES Discharge Permits.
2. Any person notified of a suspension of the water or sewer service shall immediately stop or eliminate the discharge. In the event of a failure of the person to comply voluntarily with a suspension order, the County may take such steps as deemed necessary, including immediate termination of water or sewer service, to prevent or minimize actual or threatened damage to the sanitary sewer system or sewer connection or endangerment to any individuals. The County shall reinstate the water or sewer service upon receipt of proof that such conditions causing the suspension have passed or been eliminated. A detailed written statement submitted by the facility describing the cause(s) of the harmful discharge and the measure(s) taken to prevent any future occurrences shall be submitted to the Sanitary Engineer within fifteen (15) days of the date of occurrence.
3. In addition to any applicable fines or penalties, a violator shall be liable to the County for any expense, loss, or damage caused by such violating discharge.

**Section 1009.10 Responsibility To Correct Design**

Approval of proposed facilities or equipment by the Sanitary Engineer does not, in any way, guarantee that these facilities or equipment will function in the manner described by their constructor or manufacturer; nor shall it relieve a person, firm or corporation of the responsibility of enlarging or otherwise modifying such facilities to accomplish the intended purposes.

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**Section 1009.11 Special Agreement**

No statement contained in these Rules And Regulations shall be construed as preventing any special agreement or arrangement between the Sanitary Engineer and any person, firm or corporation whereby an industrial waste of unusual strength or character may be accepted by the Sanitary Engineer for treatment, subject to payment thereof.

**Section 1009.98 Expiration of Fees and Charges**

The rates established in Item 1009 – Industrial Wastes shall remain in full force and effect until the Board of Commissioners, modifies or deletes said rate.

- END OF ITEM -