

# GREASE MANAGEMENT ORDINANCE

## AN ORDINANCE TO ESTABLISH A SYSTEM OF GREASE MANAGEMENT

The Lakeland Sanitary District No. 1, Town of Minocqua, Oneida County, Wisconsin, does hereby ordain as follows:

### 1. General Policy

**Purpose.** The purpose of this ordinance is to establish uniform requirements for food service establishments discharging grease wastewater into the Water Utility wastewater collection system and to enable the Water Utility to comply with all applicable federal and state laws, including those, which apply to sanitary sewer overflows.

#### **Food Service Establishments.**

- A. General. All food service establishments are required to have a grease trap or grease interceptor as per the requirements of the Wisconsin Administrative Code, Comm. 82.34(5) as may be amended from time to time.
- B. New facilities. Upon the effective date of this rule, food service establishments which are newly proposed or constructed, or existing facilities which will be expanded or renovated, where such facility did not previously exist, shall be required to install, operate and maintain a grease interceptor or grease trap according to the requirements of the Wisconsin Administrative Code, Comm. 82.34(5).
- C. Existing facilities. For the purposes of sizing and installation of grease interceptors, all food service establishments existing prior to the effective date of this ordinance shall be permitted to operate and maintain existing grease interceptors or grease traps provided same are in efficient operating condition. Upon the effective date of this ordinance, the Water Utility may require an existing food service establishment to install, operate and maintain a new grease interceptor or trap that complies with the requirements of this section or to modify or repair any noncompliant plumbing or existing interceptor or trap within ninety (90) days of written notification by the Water Utility when any one or more of the following conditions exists:
  - 1. The facility is found to be contributing oils and grease in quantities sufficient to cause line stoppages or necessitate increased maintenance on the wastewater collection system;
  - 2. The facility has an undersized, irreparable or defective grease interceptor or trap;
  - 3. The facility has a garbage grinder;

4. Remodeling of the food preparation or kitchen waste plumbing system is performed which requires a plumbing or building permit to be issued;
  5. The existing facility is sold or undergoes a change of ownership.
- D. Plumbing connections. Grease interceptors or traps shall be located in the food service establishment's lateral sewer line after all fixtures that may introduce grease into the sewer system and the connection to the wastewater collection system. Such fixtures shall include but not be limited to, sinks, dishwashers, automatic hood wash units, floor drains in food preparation and storage areas, and any other fixture which is determined to be a potential source of grease. Garbage grinders installed within food service establishments shall be plumbed through the grease interceptor(s) and a solids interceptor shall separate the discharge before connecting to the grease trap. Solids interceptors and grease interceptors shall be sized and rated for the discharge of the garbage grinder. Wastewater from sanitary facilities and other similar fixtures shall not be introduced into the grease interceptor or trap under any circumstances.
- E. Grease interceptors. Grease interceptors shall be installed at all new food service establishments as specified by the Wisconsin Administrative Code, Comm. §82.34(5). All food service establishments shall comply with the following guidelines:
1. Inspection, pumping, and maintenance. Each food service establishment shall be responsible for the costs of installing, inspecting, pumping, cleaning and maintaining its grease interceptor. Pumping services shall include the initial complete removal of all contents, including floating materials, wastewater and bottom sludge and solids from the interceptor. Grease interceptor cleaning shall include scraping excessive solids from the walls, floors, baffles and all pipe work. The return of gray water back into the grease interceptor from which the wastes were removed is allowable, provided that grease and solids are not returned to the interceptor. The grease hauler shall wait at least twenty (20) minutes to allow the interceptor waste to separate in the truck tank before attempting to re-introduce the gray water to the interceptor. It shall be the responsibility of each food service establishment to inspect its grease interceptor during the pumping procedure to ensure that the interceptor is properly cleaned out and that all fittings and fixtures inside the interceptor are in working condition and function properly.
  2. Interceptor pumping frequency. Each food service establishment shall determine the frequency at which its grease interceptor(s) shall be pumped according to the following criteria:
    - a. When the floatable grease layer exceeds six (6) inches in depth as measured by an approved dipping method; or,
    - b. When the settleable solids layer exceeds eight (8) inches in depth as measured by an approved dipping method; or,
    - c. When the total volume of settleable solids is more than three quarters (3/4) of the total clearance of the outlet pipe located at the bottom of the interceptor; or,

- d. When the total volume of captured grease and solid material displaces more than twenty (20) percent of the capacity of the interceptor as calculated using an approved dipping method.
  - 3. Repairs. Each food service establishment shall be responsible for the cost and scheduling of all repairs to its grease interceptor(s). Repairs required by the Water Utility shall be completed within ten (10) calendar days after written notice is received by the facility unless the Water Utility establishes a different compliance date.
  - 4. Disposal. Wastes removed from each grease interceptor shall be disposed of at a facility permitted to receive such wastes. Neither grease nor solid materials removed from interceptors shall be returned to any portion of the wastewater collection system.
- F. Interceptor additives prohibited. Any chemicals, enzymes, emulsifiers, live bacteria or other grease cutters or additives are prohibited.
- G. Alternative grease removal devices or technologies. Alternative devices and technologies such as automatic grease removal systems shall be subject to written approval by the Water Utility prior to installation. Approval of the device shall be based on demonstrated (proven) removal efficiencies and reliability of operation. The Water Utility may approve these types of devices depending on manufacturers' specifications on a case-by-case basis. The food service establishment may be required to furnish analytical data demonstrating that grease discharge concentrations to the wastewater collection system will not exceed the established limitation.

#### **Entry, Inspection, Sampling and Reporting**

- A. Entry. All food service establishments shall allow Water Utility personnel, bearing proper credentials and identification, access to all parts of the premises during reasonable business hours, for the purpose of inspection, observation, and sampling in accordance with the provisions of this ordinance. Any user refusing the Water Utility entry to or upon the premises of the user for the purposes of inspection, sampling effluents or performing such other duties as required by this ordinance shall constitute a violation of the terms of this ordinance. The Water Utility may seek a warrant or use any other legally available procedures to discharge their duties.
- B. Inspection and sampling. The Water Utility may inspect the facilities of any food service establishment, to determine compliance with this ordinance. Grease interceptors shall be inspected as necessary to insure compliance with specific grease interceptor requirements and to determine if proper cleaning and maintenance schedules are being performed.
- The Water Utility may collect effluent samples to determine compliance. The Water Utility shall re-inspect any user that received a deficiency notice after the original inspection. In the event that the user is compliant with all of the deficiencies, there shall be no charge for the re-inspection. In the event of continuing non-compliance, successive re-inspections will be

scheduled and appropriate fees shall be charged to the user for the first and all successive re-inspections. Such fees may be charged to the appropriate account of the customer's sewer bill.

- C. Reporting. Owners of grease trap/interceptors shall obtain records from contractors used to remove grease waste showing the volume of grease waste shipped; the name and address of the contractor. Owners of grease trap/interceptors shall maintain these records for a minimum of five (5) years and make them available to the Water Utility for inspection and copying upon request.

#### **Enforcement and Damage Assessment**

- A. Enforcement response plan. Whenever the Water Utility determines that a grease interceptor is in need of pumping, repairs or other maintenance, or in the event that an additional grease interceptor is required, the Water Utility shall proceed as prescribed below:
  - 1. If during inspection, the Water Utility determines that a violation exists, the Water Utility shall immediately notify the owner/manager of the food service establishment that a violation exists and must be addressed promptly.
  - 2. The Water Utility may issue the food service establishment a notice of violation (NOV) stating the nature of the violation(s). Upon issuance of a NOV:

The Water Utility shall perform a first re-inspection after a minimum of fifteen (15) calendar days after issuance of the NOV, to allow sufficient time for corrective action by the food service establishment to be completed. In the event that the food service establishment is compliant with all of the deficiencies, there shall be no charge for the re-inspection. If all of the deficiencies have not been corrected, a first re-inspection fee shall be charged to the food service establishment.

A second re-inspection will be performed after a minimum of ten (10) additional calendar days have passed. In the event that the food service establishment is compliant with all of the deficiencies, there shall be no additional charge for the re-inspection. If deficiencies remain, a second re-inspection shall be charged to the food service establishment.

Additional re-inspections and fees will be assessed until the food service establishment is compliant with all of the deficiencies. If necessary, additional enforcement actions may need to be taken.

Fees shall be established and, when necessary, modified by the Board of Commissioners.

- B. Assessment of damages. When the discharge from a food service establishment causes an obstruction, damage or any other impairment to the facilities or any expense of whatever character or nature to the Water Utility, the Water Utility may charge the expenses incurred to the discharger. The expenses include services to clear the obstruction, repair the damage to the Utility's facilities or to recover any other expenses for damage(s) of any kind or nature suffered by the Water Utility. The Water Utility shall file a claim with the food service establishment or person causing the damages for any and all expenses or damages suffered by the Water Utility. If the claim is ignored or denied, the Water Utility may charge the expense to the Water Utility.

sewer bill, or notify the Utility's legal counsel to take such measures as shall be appropriate to recover any expense or damages suffered by the Water Utility.

#### **Permit Requirements**

- A. It is unlawful for any facility to discharge effluent from a grease interceptor without authorization from the Water Utility. Authorization shall be given in the form of a Grease Interceptor Permit. Application for a permit shall be made to the Water Utility. If the Water Utility determines that the proposed discharge does not conflict with the provisions of this Section, or any other federal, state or local requirement or regulation, and the permit fee is paid, a permit shall be issued allowing the facility to discharge into the sanitary sewer collection system. Each grease interceptor permit shall be issued for a time not longer than three (3) years from the date of the permit. The grease generator shall apply for permit re-issuance prior to the expiration of the grease generator's existing permit.

#### **Fees**

- A. The Board of Commissioners may establish and, from time to time, modify charges, surcharges, and fees for permit application, operation, enforcement, administration, and reimbursement of costs incurred.