

ARTICLE VII – FATS, OIL, AND GREASE

Section 7.1 Fats, Oil, and Grease Removal Systems.

- A. When removal systems are required - FSEs that prepare, process, or serve food shall install a removal system meeting approved standards that removes and collects fat, oil, and grease (FOG) from Wastewater and shall establish acceptable standard operating procedures for grease disposal. Such FSEs include but are not limited to grocery stores, restaurants, bakeries, schools, and institutions with on-site cafeterias. Establishments that must meet this requirement include new FSEs, existing FSEs as determined by the Administrative Authority or his designee, and establishments which monitoring has shown discharge more than 150 mg/liter of fat , oil, and grease or where there have been Sanitary Sewer blockages in part or in whole caused by the FSE.

Establishments subject to this section shall be grouped into the following four categories:

1. Existing establishments with an outside Grease Trap
 2. Existing establishments with in-floor grease interceptor, under the following conditions:
 - a. The establishment is limited by space and cannot install an outside Grease Trap, and
 - b. The establishment is in compliance with the 150 mg/L FOG limit set forth herein, and
 - c. The establishment maintains a standard operating procedure regarding maintenance of the interceptor and proper FOG disposal.
 3. Existing establishments with no Grease Trap or interceptor, under the following conditions as determined by the Administrative Authority:
 - a. The establishment maintains a standard operating procedure regarding spill prevention and dry clean-up, including scraping, sweeping, or wiping methods, and
 - b. The establishment is in compliance with the 150 mg/L FOG limit set forth herein.
 4. New establishments under construction, including any increase to the food service capacity of an existing establishment.
- B. Requirements for New Establishments. All new establishments subject to this section shall comply with the following:
1. An outside Grease Trap shall be installed if it is determined by the Administrative Authority that the FSE is capable of grease discharges greater than 150 mg/L.
 2. Monitoring shall be performed from the discharge tee of the Grease Trap and / or any manhole downstream from the trap.
 3. The Grease Trap shall be plumbed to receive wastes associated with food handling and no toilet waste or any other non-kitchen Wastewater.

4. The Grease Trap liquid capacity shall be determined by the Administrative Authority or his designee based on a 24 minute hydraulic retention time with baffling and flow rates as per the PSA standard specifications and the Manning formula for max fixture flow rates.
 5. Where it has been demonstrated that a specially designed Grease Trap or interceptor will provide improved performance, an alternative design may be approved by the Authority.
- C. Prohibited Discharges into any Fats, Oil and Grease Removal System. The following shall not be discharged into any Fats, Oil, and Grease removal system, unless specifically authorized in writing by the Authority:
1. Waste that does not contain Fats, Oil, Grease, and that otherwise does not require treatment;
 2. Wastewater from dish washing machines or Wastewater with temperature exceeding 150° F;
 3. Ground residue from food waste grinders and garbage disposals;
 4. Sanitary waste;
 5. Emulsifiers, chemicals, and enzymes may be used as specifically approved by the Administrative Authority or his designee.
- D. Maintenance and Cleaning of System; Maintenance of Records. All FOG Removal Systems shall be cleaned at least quarterly. More frequent cleaning may be required if the User's discharge contains more than 150 mg/L of Fats, Oil, and Grease or if an "under the sink" type unit has been approved. Less frequent cleaning is permitted if it can be demonstrated to the Authority that the proposed cleaning schedule will result in a discharge of Fats, Oil, and Grease that is below 150 mg/L and there are no problems with Sewer line maintenance as a result of the change in schedule.
- E. Collection of Fat, Oil, and Grease; Maintenance of Records. All Users with removal systems shall contract for the removal of the Fats, Oil, and Grease collected from the removal system. The contract shall be available on site for inspection by the Authority. The User shall require the contractor to complete a form provided by the Authority indicating the ultimate disposition of the fat, oil, and grease collected -- e.g., the disposal destination, such as a named reprocessor or renderer, of the removed substances and whether the fat, oil, and grease are being reprocessed or rendered. The User shall also require the contractor to indicate on a form acceptable to the Authority each collection made from the User. Required forms shall be maintained on site for a period of three years.
- F. Monitoring of Discharge. In the event of non-compliance with any requirement of this section 7.1, the Administrative Authority or designee may require that any User monitor and test their discharge for fat, oil and grease. All monitoring results shall be provided to the Authority. Monitoring and analysis shall be completed in accordance with Section 3.5 and Section 3.6 of this Regulation.

- G. Exceptions. Exceptions from this Section 7.1 may be made in writing to the Authority showing that an existing establishment cannot site outside removal systems without extreme hardship because of lack of available adjacent land or other similar circumstances. Approval of all exception requests shall be made at the sole discretion of the Authority.

- H. Noncompliance. Any facility not in compliance with the 150 mg/L FOG limit set forth herein and /or which causes an Authority line blockage either in part or in whole, and not exempted under (g) above, shall retrofit or install a sufficient Grease Trap and implement adequate cleaning schedule to meet the applicable standards set forth herein.

Section 7.2 Pretreatment Projects

Any FOG Pretreatment projects submitted and accepted, prior to this article becoming effective, shall be considered in full force and not requiring modification to meet differing requirements of this article, unless required to meet more stringent effluent limitations imposed by a change in the permit. Any Pretreatment project submitted, but not approved prior to this article becoming effective shall not require additional review or modification before approval in order to meet the requirements of this article.