

SECTION 6

FATS, OIL, AND GREASE MANAGEMENT

6.1 **Purpose.**

To establish uniform maintenance and monitoring requirements for controlling the discharge of fats, oils and grease into the wastewater collection system or POTW. These users include, but are not limited to, food service establishments, automotive repair and maintenance garages, car wash facilities, and commercial laundries discharging into the POTW. Objectives include:

6.1.1 To control the introduction of excessive amounts of Fats, Oils and Grease into the POTW;

6.1.2 To control, reduce and prevent clogging or blocking of the County's POTW due to grease build-up resulting in sanitary sewer overflows;

6.1.3 To control maintenance costs and reduce odor and corrosion issues within the POTW due to fats, oil, and grease accumulations;

6.1.3.1 To improve user compliance with educational materials, use of best management practices and other outreach efforts.

6.1 **Site Inspections**

6.2.1 The County will conduct unannounced or scheduled site inspections to determine compliance with this ordinance. The non-permitted users are inspected for the proper installation, operation, maintenance, and records management of the appropriate pretreatment device. Wastewater samples may be collected in order to determine compliance with the discharge standards in this Ordinance;

6.2.2 Inspections shall include, but are not limited to, grease interceptors and grease

traps, private wastewater pump/lift stations, oil water separators, lint traps and other related appurtenances.

6.2.3 **Response to Complaints.** County personnel communicate complaints to the pretreatment staff when they encounter problems in the POTW that may be related to industrial users and non-permitted users. The complaints can include excessive grease in the POTW, suspected illegal connections, and suspected improper or illegal discharges. County pretreatment staff responds to complaints and investigates each for the source of any suspected discharge violations. The investigation may include consulting wastewater construction drawings and records and tracking back the pollutant to the possible source_of the discharge. Other complaints received are investigated promptly.

6.3 **Enforcement**

6.3.1 Copies of facility inspection reports shall be electronically recorded or filed and reviewed by the program administrator on a routine basis.

6.3.2 Violations detected during site visits shall be documented and instructions for corrective action shall be provided;

6.3.3 All users shall be responsible for the costs associated with pumping, cleaning, and maintenance (repair, replacement) of their device;

6.3.2 **Re-inspections.** The County shall inspect any repairs, replacements or other deficiencies and shall document inspection comments (compliance or non-compliance). In the event of non-compliance, re-inspections shall be preformed.

6.4 **Device Requirements.**

6.4.1 Grease, oil, and sand interceptors shall be provided when, in the opinion of the Director, they are necessary for the proper handling of wastewater containing excessive amounts of grease and oil, or sand. All interception units shall be of type and capacity approved by state regulations and codes and shall be so located to be

easily accessible for cleaning and inspection. Such interceptors shall be inspected, cleaned, and repaired regularly, as needed, by the user at their expense.

- 6.4.2 **Device Sizing:** All devices (Grease, oil, and sand interceptors/traps) shall be properly sized and installed in accordance with any and all applicable requirements of the Hillsborough County Construction Ordinance 98-2 as amended, State of Florida 64-E regulations as amended, and the Florida Building Code – Plumbing, as amended.

- 6.4.3 **Alternative Grease Removal Devices or Technologies:** Devices other than those Plumbing and Drainage Institute (P.D.I.) approved passive technologies are restricted and subject to prior approval by the County Building Official or his delegated authority prior to the installation or use of such technology and are reviewed on a case-by-case basis.

- 6.4.4 **Device pumping and maintenance.** All devices shall be inspected, cleaned, and repaired regularly, as needed, by the user at their expense. Pumping and maintenance shall include the complete removal of all device contents, including floating material, gray water, bottom sludge and solids, leaving the device totally empty upon departure from the property. Cleaning shall include scraping excessive solids from the walls, floors, baffles and all piping. These duties shall be performed by a licensed operator.
 - 6.4.4.1 **Skimming** is the removal of surface-floating debris within a pretreatment device. Skimming is prohibited.

 - 6.4.4.2 **Pump and Return (decanting or dewatering)** is the removal of all wastes then returning the separated “Gray” water to the pretreatment device. Pump and Return is prohibited.

- 6.4.5 **Device Disposal.** Waste removed from each device shall be disposed of at a facility permitted to receive such waste. Grease, solid materials, gray water or oils removed from interceptors shall not be returned to any grease interceptor, private sewer line or to any portion of the County's POTW.

- 6.4.5.1 Grease Trap Disposal. Users equipped with grease traps of less than 50 pounds of grease retention capacity (small under the counter devices) are authorized to perform self-cleaning and waste removal. Materials removed from the grease trap shall be disposed of in the solid waste disposal system.
- 6.5 **Frequency of service.** All grease interceptors and grease traps pretreatment devices shall be serviced at a minimum, once every ninety (90) days. The minimum service frequency set forth in this ordinance shall not supersede any predetermined servicing frequencies that are more stringent than 90 days. At no time shall any device's content of deleterious waste exceed twenty-five (25%) percent of the wetted volume of the device.
- 6.5.1 **Alternative Service Schedules.** Alternative service schedules for grease interceptors and grease traps are subject to individual review and approval. Users must be able to demonstrate device is capable of extended periods without service and be able to continuously meet the 25 percent standard.
- 6.5.2 All other devices (lint traps, oil/water separators) are not required to be serviced once every ninety days. The minimum service frequency set forth in this ordinance shall not supersede any predetermined servicing frequencies that are more stringent than 90 days. At no time shall any device's content of deleterious waste exceed twenty-five (25%) percent of the wetted volume of the device.
- 6.5.3 **Additives.** Any product approved for sale in the United States which is designed and marketed to treat wastewater laden with food-based fats, oils, and grease shall be permitted for use so long as the product(s) augments or enhances a business's maintenance schedule of its grease interceptor(s) or trap(s). At no time shall an additive of any type be used in lieu of timely, adequate pumping, cleaning, servicing, or maintenance of a grease interceptor(s) or trap(s). Additives may be prohibited, at the discretion of the Director, when their use results in deleterious materials passing through into the POTW.

- 6.6 **Records Management Requirement.** A copy of the invoice and/or manifest for services provided reflecting the date of service and volume of waste removed shall remain on-site or available for inspection by the County for a minimum period of 12 months.
- 6.6.1 The County reserves the right to require non-permitted users to use a standard invoice/manifest for tracking waste disposal.
- 6.6.2 Records shall be dated and contain a full description of the service rendered, the quantity of the waste removed for disposal and a description of the condition of the device and recommendation for corrective actions (missing and or damaged appurtenances).

VI: NON-PERMITTED USERS

NONCOMPLIANCE	NATURE OF VIOLATION	RANGE OF RESPONSE	PERSONNEL
<p>A. Site Inspection identifies non-compliance</p>	<p>Failure to properly operate and maintain pretreatment device, exceedence of allowable limits, device sizing, records management</p>	<p>a. First Offense</p> <ol style="list-style-type: none"> 1. Proceed with approved Best Management Practices to achieve compliance. <p>b. First level of Enforcement (1) NOV</p> <ol style="list-style-type: none"> (a) Explanation and corrective action plan to be submitted within four (4) weeks (date to be specified in NOV) (b) Warning regarding administrative fee of \$1,000 with next event or continued noncompliance (c) Warning current or future cleanup expenses will be billed to customer <p>b. Second level of Enforcement</p> <ol style="list-style-type: none"> (1) NOV <ol style="list-style-type: none"> (a) Notification of administrative fee of \$1,000 for noncompliance (b) Warning of SNC potential (c) Warning of Formal Action proceedings (2) Fee Request - \$1,000 Administrative 	<p>PI</p> <p>PC</p> <p>PC, A</p>

NONCOMPLIANCE	NATURE OF VIOLATION	RANGE OF RESPONSE	PERSONNEL
<p>B. Response to field compliant</p>	<p>Excessive waste or debris in lift stations and or the wastewater collection system.</p>	<p>a. First Offense</p> <p>2. Proceed with approved Best Management Practices to achieve compliance.</p> <p>b. First level of Enforcement</p> <p>(1) NOV</p> <p>(a) Explanation and corrective action plan to be submitted within four (4) weeks (date to be specified in NOV)</p> <p>(b) Warning regarding administrative fee of \$1,000 with next event or continued noncompliance</p> <p>(c) Warning current or future cleanup expenses will be billed to customer</p> <p>b. Second level of Enforcement</p> <p>(1) NOV</p> <p>(a) Notification of administrative fee of \$1,000 for noncompliance</p> <p>(b) Warning of SNC potential</p> <p>(c) Warning of Formal Action proceedings</p> <p>(2) Fee Request - \$1,000 Administrative</p>	<p>PI</p> <p>PC</p> <p>PC, A</p>

NONCOMPLIANCE	NATURE OF VIOLATION	RANGE OF RESPONSE	PERSONNEL
B. Site inspection/response to field compliant identifies significant problem	Does not result in harm	a. First level of Enforcement (1) NOV (a) Explanation and corrective action plan to be submitted within four (4) weeks (date to be specified in NOV) (b) Warning regarding administrative fee of \$1,000 with next event or continued noncompliance	PI, PC, A
	Does result in harm	a. First Offense (if POTW damage or environmental damage occurs) (Formal Action) (2) NOV (a) Publication requirement (b) Civil Penalties, reimbursement and/or (c) Suspension of service and/or (d) Permit revocation b. Second level of Enforcement (1) NOV (a) Notification of administrative fee of \$1,000 for noncompliance (b) Warning of SNC potential (c) Warning of Formal Action proceedings (2) Fee Request - \$1,000 Administrative	PI, PC, A