

BEST MANAGEMENT PRACTICE:

Use this checklist to ensure you are properly managing your FOG.

- Collect and send used grease to a licensed grease hauler. Find a company that will provide storage barrels and free pick-up service.
- If the material cannot be reused, contain, seal and put in the dumpster.
- Inspect and clean grease interceptors regularly to prevent clogs/overflows.
- Train all kitchen staff on oil and grease management.
- Never pour grease, oils, oily sauces or dressing down the drain, floor storm drain, or into the dumpster.
- Practice dry clean-up, which can be disposed of in the dumpster.
- Never “hot flush” oil and grease down sinks and drains.
- Place grease trap inside the facility.
- Pump oil and grease weekly?
Monthly?
- Keep all records of grease pumping for the period of time specified by local ordinance.
- Make sure the following fixtures are connected to a trap or interceptor:
 - Wall or floor-mounted sinks
 - Automatic dishwashers
 - Floor drains
 - Woks
 - Pulper
 - Can wash

WHERE TO FIND RECYCLERS

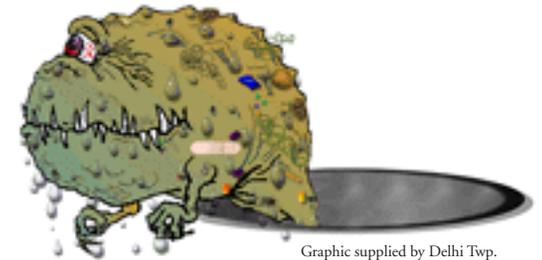
The following resources can provide information on grease recycling companies:

- Area chambers of commerce,
- Local county agricultural extension agencies,
- Local commercial food suppliers, or
- Telephone book under tallow or rendering company.



For more information visit our web site at www.michigan.gov/deqp2 outreach or call the Environmental Assistance Center at (800) 662-9278.

Restaurant Pollution Prevention



Graphic supplied by Delhi Twp.

Everything you want to know about FOG



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WHAT'S WRONG WITH FOG?

(FOG) *Fats, oils and grease* come from *butter, lard, vegetable fats and oils, meats, nuts and cereals.*

- Fats are among the more stable of the organic compounds and are not easily decomposed by bacteria.
- Fats coat, congeal, and accumulate on pipes, pumps, and equipment and sometimes obstruct lines.



Figure 1: Sewer line filled with restaurant grease.

MANAGING GREASE

FOG (fats, oils and grease) can be effectively managed to minimize impacts to the sewer system and decrease maintenance of grease interceptors.



Figure 2: Practice dry clean-up.

FOG CONCERNS:

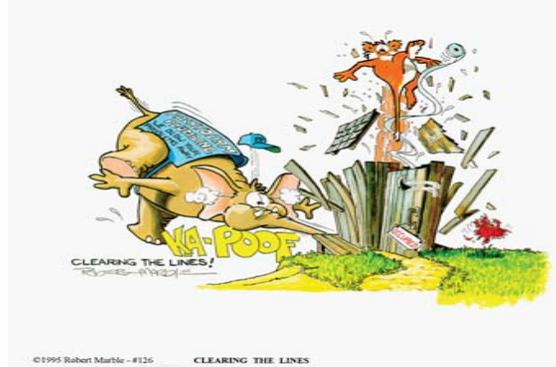


Figure 3: Effects of FOG on sewer system.

Improperly managed oil and grease from restaurants is a significant problem for wastewater collection and treatment systems. Fats, oils, and greases (FOG) coat, congeal, and accumulate in pipes, pumps, and equipment, leading to the costly and hazardous flow of waste grease into drain lines, sewer lines, lift stations, drain fields, and Publicly Owned Treatment Works (POTWs).

Improper disposal can result in high biological oxygen demand (BOD) and chemical oxygen demand (COD) levels, increased operating costs, and clogged collection systems.



Figure 4: Clogged pipe due to FOG.

HOW YOU CAN BENEFIT!

Economic Incentives:

Pumping out a grease trap is considerably more costly than the service fee of a hauler. In addition, with dry clean-up and other source reduction measures, many restaurants can reduce their water consumption and sewer use, which leads to more money saved.

Grease haulers' service fees are low and sometimes provided at no charge. And some recyclers will pay for restaurant oil and grease.

Compliance:

Many communities have sewer ordinances that limit the allowable concentration of oil and grease in the wastewater. Fines may be associated with non-compliance and excessive sanitary overflows may result in additional sewer charges.

Environmental Savings:

Recycling of oils and grease helps to keep these compounds from entering waterways, clogging municipal sewer lines, and taking up valuable space in landfills.

