



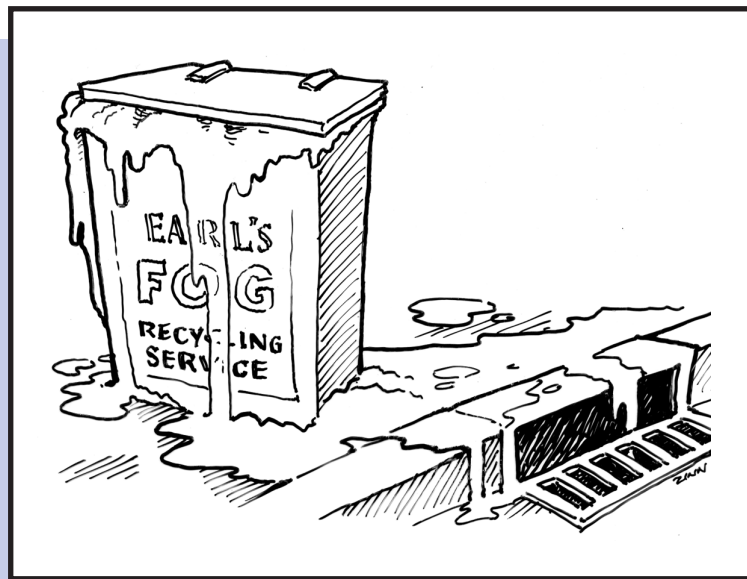
Austell Public Works

Community Partners for Healthy Streams

SERIES #9:



SERIES #9: Fats, Oils and Grease: Recycling and Disposal

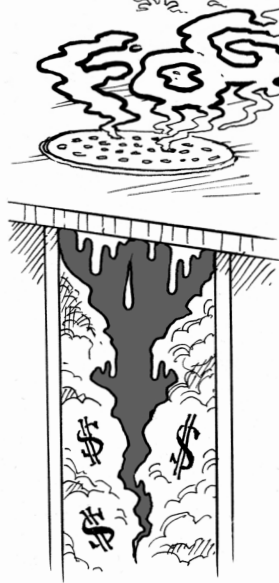
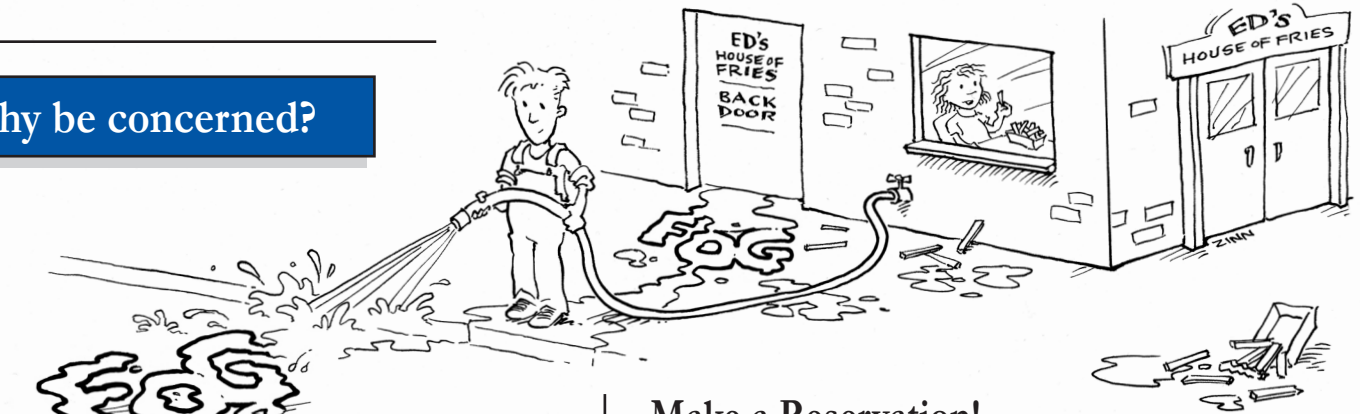


Community Partners for Healthy Streams is a cooperative effort between the Austell Public Works and local business community.



Food Service Industry Fats, Oil and Grease Recycling/Proper Disposal

Why be concerned?



When food service providers improperly dispose of fats, oils and grease (FOG), byproducts may end up in wastewater treatment plants and stormwater systems.

Grease buildup in sanitary sewer lines can become as hard as concrete and may completely block pipes and result in backing raw sewage into the street, buildings, and waterways.

FOG-induced wastewater treatment plant overflows

cost millions of dollars annually to correct. The needlessly expended tax dollars required to address this problem nationwide is estimated at \$25 billion dollars a year. Over 75% of older sanitary sewer systems are working at 50% capacity due to FOG clogs. In addition to clean-up costs, illegal dumping can result in expensive fines and criminal charges.

FOG finds its way into storm drains from illegal dumping or leaking exterior storage containers. Introduction of FOG into stormwater systems causes overflows and water quality impacts since stormwater is untreated and flows directly into local streams and rivers.

FOG generated by food services providers that use onsite sewage disposal systems (septic tanks) is also a concern. There are over 1 million commercial food service systems in the U.S. that require proper maintenance and disposal methods to prevent system failure and groundwater quality impacts.

Make a Reservation!

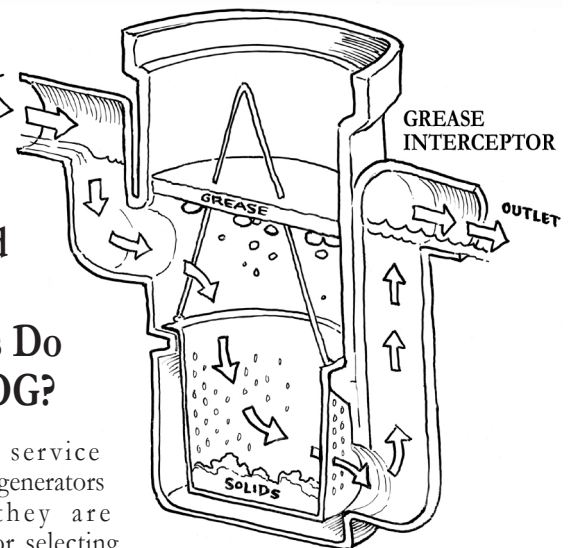
Why is So Much Grease Being Generated? As greater numbers of households opt to save time by dining out or purchasing prepared foods, the rapidly growing food service industry is generating ever-greater volumes of FOG along with the significant increase in sales.

What Can Food Service Providers Do About FOG?

Since food service providers are generators of FOG, they are responsible for selecting and implementing the best handling and disposal/recycling methods for FOG. They are also responsible for the maintenance of grease traps and grease interceptors on their sites. They can adopt a Best Management Practices plan to properly dispose of or recycle FOG. These include:

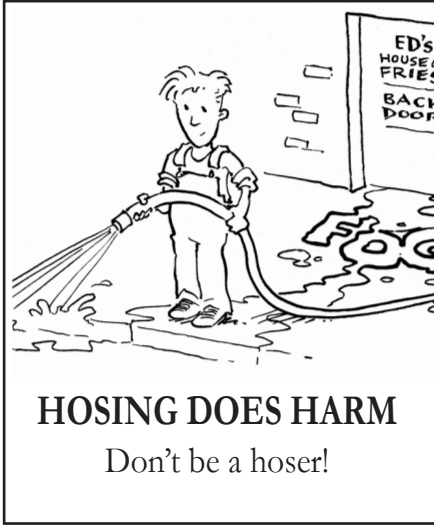
- Reducing fats, oils and grease usage whenever possible.
- Using a FOG recycling/rendering service that provides watertight outdoor receptacles of adequate size so spills may be avoided when employees carry FOG to receptacles.

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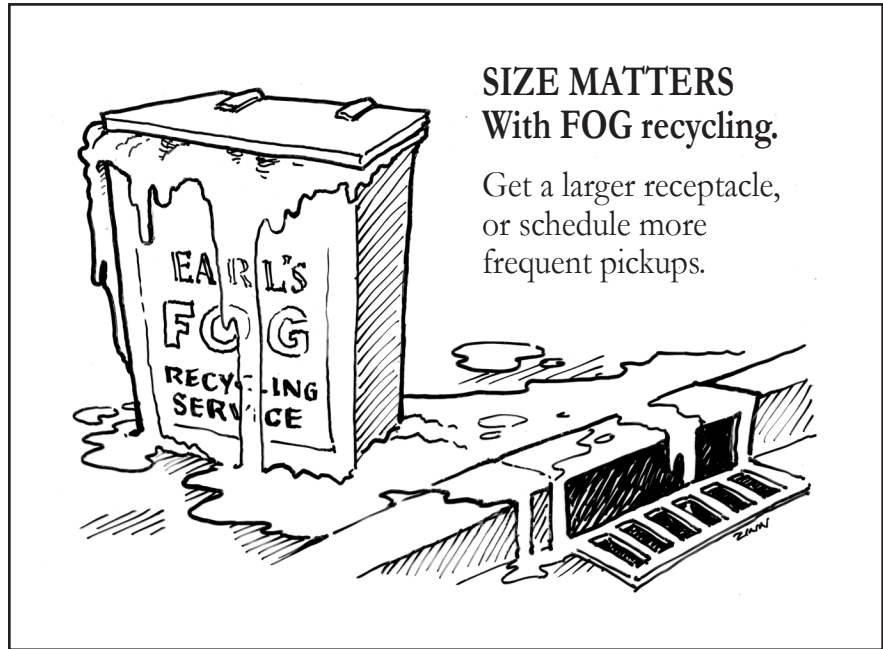


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- Providing adequate capacity of outdoor receptacles until pickup to an approved recycling or disposal site. The number of weekly pickups related to volume can be scheduled to accommodate high FOG generation days and weekends. Food service providers must be sure to know how and where the FOG is being disposed.
- Installing grease interceptors or “traps” in new construction and consistently and proactively maintaining them to ensure maximum effective operation.



- Implementing “Dry Clean-Up” practices to scrape, wipe or sweep FOG from utensils, equipment and floors prior to using “Wet Clean-Up” methods that wash FOG along with them.
- Preventing FOG spills and addressing spills as soon as they occur by providing employees with proper tools and training.
- Becoming aware of local and state regulations related to handling and disposal of FOG.



SIZE MATTERS With FOG recycling.

Get a larger receptacle,
or schedule more
frequent pickups.

A FOG Maintenance Plan Can Help

As FOG is collected on site, it must be handled properly to prevent spills or accidental discharge to sanitary or stormwater sewers.

Practices to consider in a maintenance plan include:

- Schedule frequent pickups to avoid overload of receptacles.
- Establish a spill plan to address spill events.
- Maintain pavements and exterior grease traps.
- Engage a FOG maintenance service and be sure that tanks and traps are completely pumped (many services just “skim” the surface grease and neglect pumping solids). Be sure to consistently maintain grease traps and interceptors to ensure maximum effective operation.
- Apply the “No Dumping” message to site catchbasins to discourage illegal disposal.
- Regularly train employees to use the maintenance plan, including FOG spill prevention, spill cleanup, and FOG handling practices.
- Continuously monitor and track the disposal program.

GETTING HELP

Cobb County Water System
Environmental Compliance..... (770) 419-6430

Austell Public Works
Stormwater Management Division..... (770) 944-4325



Community Partners for Healthy Streams Fact Sheets



SERIES #1 - HOUSEKEEPING PRACTICES

- Fact Sheet 1.1 Storing Materials and Wastes
- Fact Sheet 1.2 Preventing and Cleaning Up Spills



SERIES #2 - MAINTAINING ENGINEERED STORMWATER CONTROLS

- Fact Sheet 2.1 Catch Basin Care
- Fact Sheet 2.2 Maintaining Stormwater Management Systems
- Fact Sheet 2.3 Oil/Water Separators



SERIES #3 - MAINTAINING EQUIPMENT AND VEHICLES

- Fact Sheet 3.1 Storing and Maintaining Equipment and Vehicles
- Fact Sheet 3.2 Washing Equipment and Vehicles



SERIES #4 - MAINTAINING BUILDINGS AND PAVEMENT

- Fact Sheet 4.1 Outdoor Pressure Washing
- Fact Sheet 4.2 Maintaining Building Facades
- Fact Sheet 4.3 Maintaining Paved Areas
- Fact Sheet 4.4 Using and Storing Deicing Systems
- Fact Sheet 4.5 Cooling Water Systems



SERIES #5 - MAINTAINING LANDSCAPES

- Fact Sheet 5.1 Maintaining Healthy Lawns, Shrubs and Trees
- Fact Sheet 5.2 Using Fertilizer
- Fact Sheet 5.3 Integrated Pest Management
- Fact Sheet 5.4 Using Pesticides



SERIES #6 - SITE DESIGN AND CONSTRUCTION

- Fact Sheet 6.1 Designing Landscapes for Water Quality
- Fact Sheet 6.2 Designing Stormwater Management Systems
- Fact Sheet 6.3 Clearing and Grading Land



SERIES #7 - MANAGING WASTES

- Fact Sheet 7.1 Minimizing Waste
- Fact Sheet 7.2 Recycling
- Fact Sheet 7.3 Waste Disposal



SERIES #8 - EDUCATION

- Fact Sheet 8.1 Education and Community Leadership



SERIES #9 - FATS, OILS AND GREASE

- Fact Sheet 9.1 Food Service Industry Fats, Oil and Grease Recycling/Proper Disposal



SERIES #10 - PRESCRIPTION DRUG AND PERSONAL CARE PRODUCTS

- Fact Sheet 10.1 Prescription Drug and Personal Care Product Disposal



Austell Public Works
STORMWATER
Management

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CITY OF AUSTELL - GEORGIA
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