

FY24 HAULER TRAINING



Agenda

Introduction

IDC

FOG

Wrap-up



Important note about this presentation

- The manufacturers, contractors, suppliers or any other vendors or commercial entities seen in this presentation are for illustrative purposes only and are not to be interpreted as recommended, allowable or otherwise approved equipment or vendor by the presenter of this training. (i.e. they just happened to be in the action when the photo was taken 😊)

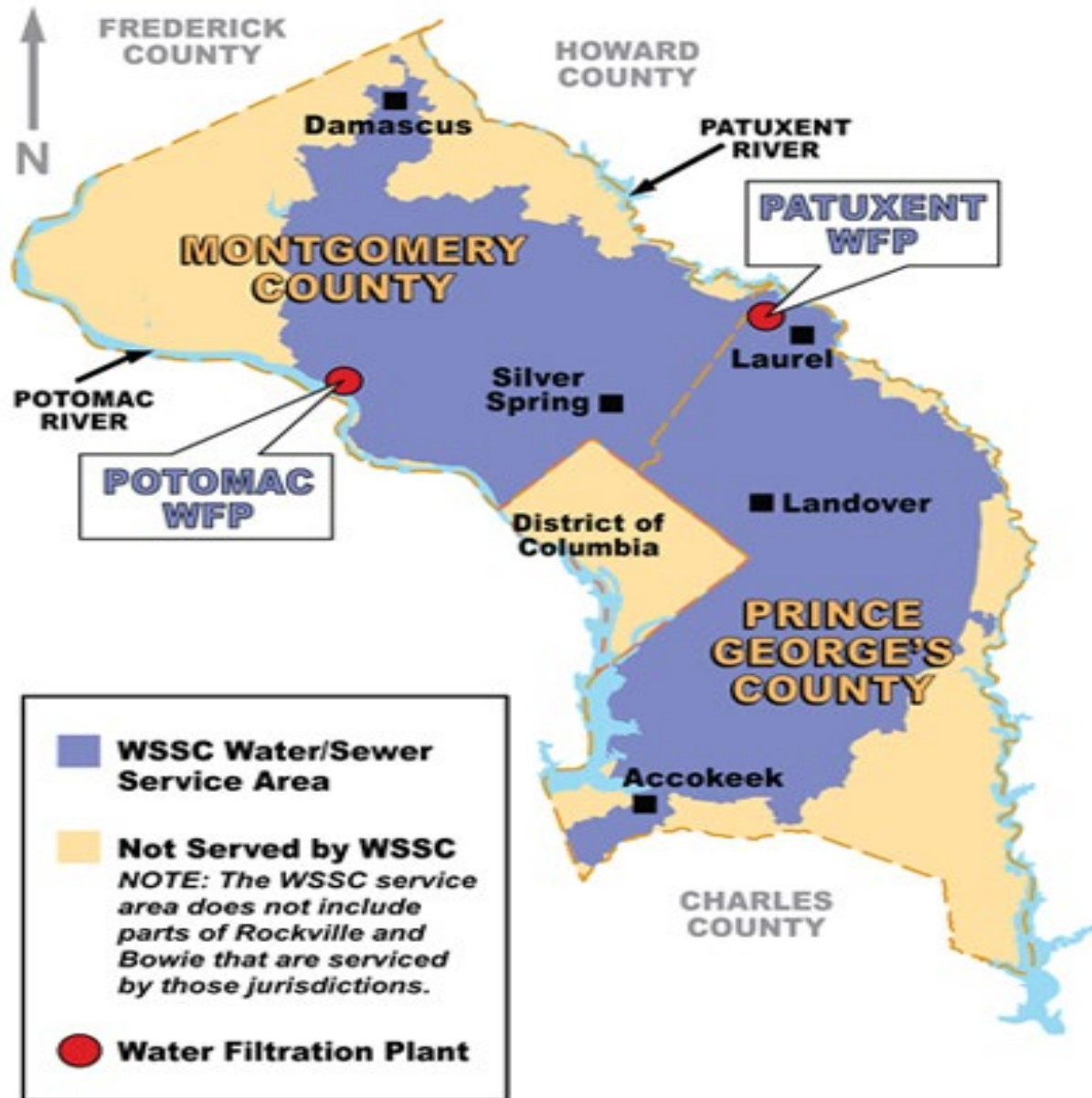
Hauler Training 2023

- This session will discuss the Industrial Discharge and FOG (Fats, Oils and Grease) Programs in relation to the septage and grease hauling/disposal industry and WSSC officials. Productive past practices and processes will be highlighted for review. Input from attendees was requested prior to this session via email. We will also try to answer emails during this presentation
FOG_unit@wsscwater.com
- This will usually be an annual process for all haulers within the WSSD.

PRE-TRAINING NEWS AND NOTES



WSSC Water/Sewer Service Area



If the FSE (Food Service Establishment) is within this service area, a WSSC grease manifest is required*, regardless of disposal site chosen

*minor exceptions for disposal outside of Muddy Branch apply

**FY24 Waste Hauler Permit
renewal was due by
7/14/2023**



Fee/Charge Number and Name

DISCHARGE AND WATER PROTECTION


8 Septic Hauler Discharge Permit Fees

Category I - Residential & Septic Waste & Grease

1-49 gallons (per vehicle)	\$ 255
50-799 gallons (per vehicle)	7,425
800-2,999 gallons (per vehicle)	21,175
3,000 gallons & up (per vehicle)	42,050
January thru June (50% of fee)	50% of fee
Transfer and/or Replacement Permit Sticker	170
Industrial/Special Waste Disposal Fee (per 1,000 gallons)	400
Zero Discharge Permit Fee	170
Temporary Discharge Permit Fee <u>plus</u> sewer rate per 1,000 gallons	220
Sewer Rate - Hauled Waste (1,000 gallons of truck capacity)	50

Sewer Rate - Hauled Waste (1,000 gallons of truck capacity)	20
Temporary Discharge Permit Fee <u>plus</u> sewer rate per 1,000 gallons	330
Zero Discharge Permit Fee	170
Industrial/Special Waste Disposal Fee (per 1,000 gallons)	400

Updates to General Conditions of Waste Hauler Permit Grease Cleaning Procedures



12. Grease Cleaning Procedures

A permittee engaged in the business of cleaning grease interceptors and grease traps shall observe the following procedures:

- a. Digital, date stamped photographs are required to be taken as evidence of the work completed. Maintain the photographic records for three (3) years at your place of business. All photos must be date and time stamped with the location accurately documented. Photographs are to include, at a minimum,
 - 1) The site, location of interceptor with manhole covers still installed.
 - 2) All compartments of the grease interceptor emptied.
 - 3) The site with the interceptor lids reinstalled.
 - 4) If an interceptor is found to be defective upon removal of manhole covers, photos must be taken to clearly identify the deficiency (for example: the contents of interceptor are above the inlet and/or outlet of piping in the interceptor, signs of surcharging, inlet/outlet diffuser baffles broken, or concrete baffle walls collapsed).
- b. Remove *all* manhole lids or access panels. Interceptors may have multiple compartments and manhole access openings. Assure all traffic, worker, and pedestrian control safety measures are understood and followed.
- c. Begin the cleaning procedure from the inlet end or inlet compartment using the following general sequence:
 - 1) Remove the floating grease layer first.
 - 2) Scrape grease adhering to the interceptor or grease trap walls where accessible.
 - 3) As the water level is reduced to the sediment level, pull sediment toward the vacuum hose, removing all sediment.
 - (a) If it becomes necessary to add water back into the interceptor, add only enough to create sediment slurry.
 - (b) Vacuum each compartment until completely empty.
 - (c) Flexible hose or a fixed stainless steel or PVC pipe (or wand) approximately the same diameter as the intake hose is permissible as long as it can safely maneuver in or throughout the interceptor.
 - 4) Repeat the above procedure as necessary from each manhole or other access opening so that, when completed, the *entire* interceptor has been left "clean" and empty.
 - 5) Notify the property owner that the interceptor or trap requires power cleaning at the first occurrence of either of the following intervals:
 - (a) Annually, or
 - (b) When the build-up of solids and grease on the walls or baffles becomes significant or interferes with the operation of the interceptor or trap.
 - 6) Returning wastewater to the interceptor is prohibited except for cleaning purposes identified in section B.12.c.3(a). Waste haulers providing "pump and return" cleaning service, which results in wastewater being returned to the interceptor, must have prior written approval by WSSC Water.

Continued

- 7) If the interceptor or trap is not functioning properly due to defective or missing pipes or components, or if the interceptor or trap is leaking, the permittee shall report these findings on the manifest form and report via email notification within 5 business days for faulty interceptors or traps to WSSC Water's Fats, Oils, and Grease Section at FOG_Unit@wsscwater.com.
- 8) If the trap or interceptor is causing an environmental or sanitary impact, i.e. overflowing or about to overflow, the waste hauler shall perform the following notification steps;
 - (a) Notification to the property owner or tenant that is responsible for the interceptor noting they need to call a plumber to inspect and service the piping to and from the interceptor
 - (b) Document the issue on the grease manifest and include whom the information was discussed with at the FSE directing them to contact a licensed plumber to clear any stoppages causing the interceptor to overflow. See note 2 below.
 - (c) Copy of manifest must be emailed to FOG_Unit@wsscwater.com identifying the issue within 24 hours, next business day.

NOTE:

1. Waste Haulers that do NOT have at a minimum a WSSC Drain Cleaners License are prohibited from clearing backups, jet cleaning, or camera inspection of in the inlet piping system to the interceptor and the outlet piping system to the building sewer. Waste Haulers that do NOT have a WSSC Drain Cleaners, may only clean the inside of the interceptors.
2. The property owner shall employ, at the property owner's sole expense, a WSSC-Licensed Master Plumber or a WSSC-Licensed Sewer and Drain Cleaner to clear the stoppage, from the building to the Commission's sewer main as set forth in WSSC Code Section 102.3.6.2. If the stoppage was caused by a defective building sewer, or by a defective connection at the joint connecting the private sewer to the Commission service connection, the property owner shall be responsible for hiring a WSSC-Licensed Master Plumber to correct the problem at the property owner's expense.
 - a. If an obstruction causing a stoppage is located in the Commission's service connection, the WSSC-Licensed Sewer and Drain Cleaner shall notify the Commission's Emergency Call Center by telephone, fax, or electronically within 72-hours.
 - b. If the stoppage was not cleared, the WSSC-Licensed Sewer and Drain Cleaner shall notify the Commission by telephone immediately. The WSSC-Licensed Sewer and Drain Cleaner shall also inform the Commission of what the WSSC-Licensed Sewer and Drain Cleaner believes caused the obstruction e.g., a soft stoppage, broken or misaligned piping, roots, grease, debris, or other cause.



COMING
SOON

Coming in February 2024

New Digital Processes That Are Being Developed:

1. Digital Waste Hauler Grease Manifest
2. Digital Waste Hauler Septage Manifest
3. Waste Hauler Vehicle Licensing (WSSC PERMIT)
4. Digital FOG Discharge Permit Application for new FSEs

Questions?



Scott Horn
FOG Section Manager, WSSC
john.horn@wsscwater.com

Industrial Discharge Control Program

And

Waste Haulers

IDC Program Objectives

To control pollutants from nondomestic sources which can:

- Pass-through the wastewater treatment plant processes;
- interfere with the operations of the treatment plant
- contaminate sewage sludge;
- damage the collection system; and/or
- be harmful to the workers at the treatment plants or in the collection system.

About the IDC Program

- WSSC Water has been delegated authority to administer the pretreatment program from MDE, who is delegated from EPA.
- All businesses located within WSSC Water's jurisdiction that generate non-domestic wastewater (known as industrial users) must comply with our Industrial Waste Regulations, **Section 8** of the WSSC Plumbing and Fuel Gas Code.
- Under the non-domestic user permitting program, WSSC Water regulates Significant Industrial Users (SIUs), specific zero dischargers, temporary dischargers of metered wastewater, **and waste haulers**. All SIUs must apply for a WSSC Water Discharge Authorization Permit.
- All waste haulers using a WSSC Water disposal site or servicing an FSE within the WSSC Water jurisdiction must have a valid waste hauler discharge permit or zero discharge permit, respectively.

IDC PROGRAM PERSONNEL



Industrial Investigator Responsibilities Related to Waste Haulers/Others

- Review surveillance videos
- Enforce waste hauler requirements
- Collect manifests at disposal sites
- Randomly collect samples from waste haulers
- Attend court proceedings related to violations
- Answer questions related to sites, disposal practices, and prohibited discharges, etc.

Permit Services Section Responsibilities related to Waste Haulers / Others

- Issue waste hauler permits
- Collect permit fees
- Distribute septage and FOG manifests
- Review, verify, and process manifests
- Process civil citations and associated fines
- Answer general questions related to waste hauler permits

Any questions or for more manifests, please email: OneStopShop@wsscwater.com or call 301-206-4003

Applying for a Waste Hauler Permit

A hauler permit is effective July 1st or when issued, until the expiration date of June 30th (aligned with WSSC Water's Fiscal year).

- Haulers must apply every year for the fiscal year permit
- Permit fees (except zero-discharge permits and transfer fees) are pro-rated to half the rate after January 1st
- Application and permit guidance can be found at www.wsscwater.com/IDC

Can apply:

- In person – 14501 Sweitzer Lane, Laurel, MD
- By mail
- Questions? 301-206-4003

The image shows a screenshot of a web-based application form for a Waste Hauler Permit. The form is titled "INDUSTRIAL DISCHARGE CONTROL PROGRAM WASTE HAULER PERMIT APPLICATION" and features the WSSC Water logo. It is divided into several sections: Section A (Company Information), Section B (Non-Domestic Customers), Section C (Prerequisite Information Needed), and Section D (Other Disposal Sites). Section A includes fields for Company Name, Mailing Address, City, State, Zip Code, Phone Number, Garage Address, Owner, Authorized Agent, and E-mail address. Section B requires a list of non-domestic customers with details like name, address, waste type, and volume. Section C lists various prerequisites such as Sewage Sludge Utilization License, County Health Department Permit, Motor Vehicle Registrations, Safety Data Sheet, and Mobile Food Service License. Section D asks for names of other POTWs or facilities where waste is disposed. A checkbox at the bottom asks if copies of other permits are attached. The footer includes the page number "- 1 -" and the date "Application Revised 6/2023".

WSSC WATER
DELIVERING THE ESSENTIAL

**INDUSTRIAL DISCHARGE CONTROL PROGRAM
WASTE HAULER PERMIT APPLICATION**

SECTION A - COMPANY INFORMATION

Company Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____ Phone Number: _____
Garage Address: _____
City: _____ State: _____ Zip Code: _____ Phone Number: _____
Owner: _____ Phone Number: _____
Authorized Agent: _____ Phone Number: _____
E-mail address: _____

SECTION B - NON-DOMESTIC CUSTOMERS

Attach a list of non-domestic customers and include the following information:
1) Company Name(s) of Non-domestic Customers 2) Company Address 3) Waste Type
4) Disposal Frequency 5) Volume 6) Disposal Site

NOTE: Wastes from wastewater treatment plants or non-domestic sources shall not be discharged at Washington Suburban Sanitary Commission (WSSC) disposal sites unless specifically authorized in writing by the Commission

SECTION C - PREREQUISITE INFORMATION NEEDED

Applicant is to check the appropriate box and provide copies with the application

- Sewage Sludge Utilization License (Montgomery County for all applicable vehicles or trailers)
- County Health Department Permit (Prince George's County for all applicable vehicles or trailers)
- Motor Vehicle Registrations (For all vehicles and trailers)
- Safety Data Sheet for any sanitizer or additives used (Portable toilets and buses)
- Mobile Food Service License (For mobile food service vehicles only)
- Applicable photographs of permitted discharging vehicles or trailers.

SECTION D - OTHER DISPOSAL SITES

List the names of other Publicly Owned Treatment Works (POTWs) or facilities where hauled waste is disposed. Please provide copies of applicable permit or authorization letters from other POTWs or facilities.

This is required for any vehicle listed in Section E requesting a zero discharge permit.

Name of POTW or Facility: _____	Name of POTW or Facility: _____
Name of POTW or Facility: _____	Name of POTW or Facility: _____

Are copies of other permits or authorization letters from other POTWs or facilities attached to this application?

- 1 -

Application Revised 6/2023

Items Needed to Obtain a Hauler Permit

- Completed application
- Vehicle Registration card(s)
- Montgomery and/or Prince George's County Health Department Permit(s)
- Photographs of vehicles to be permitted (first time permitted)
- Safety Data Sheet (if applicable)
 - Formaldehyde and 1,4 dichlorobenzene are prohibited
- Other POTW permits or facility authorization letters
(Application Section D)
- Check or Money Order payable to WSSC

2012 DC Water Blue Plains Inter-Municipal Requirements


WSSC Water accepts septic or greasy wastes that originated from:

- Montgomery County
- Prince George's County
- Arlington County
- Fairfax County
- Loudoun County
- District of Columbia

2012 DC Water Blue Plains Inter-Municipal Requirements (con't)

- Greasy waste must be disposed of at **Muddy Branch** in Montgomery County
- Manifests are required for all hauled waste discharges
- Random sample collection of hauled waste
- **Reminder: A copy of your WH permit and general conditions is required to be kept in each permitted vehicle/trailer and onsite at the company office**

Manifesting Septic Waste



WSSC WATER
DELIVERING THE ESSENTIAL

INDUSTRIAL DISCHARGE CONTROL PROGRAM

SEPTAGE MANIFEST

Manifest # _____

Or permitted trailer license number

Multiple loads in truck, add all manifest #s

TANGLEWOOD DR

WASTE HAULER
 COMPANY NAME _____ PERMIT NUMBER _____ VEHICLE LICENSE NUMBER _____

DISPOSAL DATE _____ DISPOSAL TIME _____ AM PM TOTAL VOL OF DISCHARGE _____
If your Total Volume of Discharge contains more than one (1) Generator of Wastewater, please reference Manifest #(s)

GENERATOR OF WASTEWATER

NAME _____
 ADDRESS _____
 CITY STATE ZIP _____
 COUNTY _____ PHONE # _____
 PUMP OUT AMT _____ (Gals) PUMP OUT DATE _____
 TIME COLLECTED _____ AM PM

The undersigned being duly authorized does hereby certify to the accuracy of the source and type of hauled water identified above and subject to this manifest (signature necessary, if representative available).
 REP. NAME _____ SIGNATURE _____

FACILITY TYPE	WASTE TYPE
<input type="checkbox"/> RESIDENTIAL	<input type="checkbox"/> SEPTIC TANKS
<input type="checkbox"/> OFFICE/COMMERCIAL	<input type="checkbox"/> HOLDING TANKS
<input type="checkbox"/> OTHER (Specify) _____	<input type="checkbox"/> PORTABLE TOILET
_____	<input type="checkbox"/> CLEANING
_____	<input type="checkbox"/> OTHER (Specify) _____
_____	_____

CERTIFICATION

I certify that the information listed on this Septage Manifest/Tracking form is true, accurate and complete to the best of my knowledge. I am aware of the conditions and requirements of my waste hauler permit and understand that failure to comply with those conditions and requirements can result in the immediate suspension or revocation of my permit and its associated privileges with WSSC as well as the enforcement of possible penalties as may be allowed by law.

DRIVER/CONTRACTOR NAME _____ SIGNATURE _____

Deposit Pink manifest copy in receptacle labeled Septage Manifest at the waste disposal site at time of disposal

G:\Engr_Constr_Regulatory Services_Code\Enf_4000_4800_ManifestForm... . Copies: Top-Generator; Yellow-Hauler; Pink-WSSC

Most Prevalent Violations Committed by Waste Haulers/Others

- Discharging after hours
- Discharging without a hose and creating an unsanitary condition through spillage of waste
 - Required to notify WSSC of spills and clean up
- Failure to submit manifest (at time of disposal; 4 weeks from pump out for zero discharge permit holders)
- Incomplete manifests



Most Prevalent Violations Committed by Waste Haulers/Others (con't)

- Disposing waste from unapproved non-domestic customers, including, but not limited to, waste from automotive interceptors, breweries, wineries, distilleries, and meaderies
- Disposing waste with no and/or suspended permit
- Neglecting to maintain copies of Permit and General Conditions must be kept in the vehicle
- Disposing of hauled waste from outside the service area (Montgomery, Prince George's, Arlington, Fairfax, and Loudoun counties, as well as the District of Columbia)

A word about “intermediate” disposal PROHIBITED ACTIVITIES



- A subcontractor truck to a permitted hauler vehicle.
- A zero discharge hauler to a full discharge hauler.
- GAD contents held at a site (tank, tanker, other containment) prior to ‘ultimate’ disposal
 - Tracking issues
 - Mixing issues
 - Liability issues
 - Health, sanitary, zoning or Code issues.

814.13 Disposal Sites. *Only* disposal sites designated by the Commission shall be used for the discharge of waste from a permitted vehicle into the Commission's sewer system.

Enforcement Actions

- A Notice of Violation (NOV) and a Civil Citation are the enforcement actions that WSSC Water will issue to the waste hauler.
- Citations start at (per violation type)
 - \$ 250 for the first offense
 - \$ 500 for the second offense
 - \$ 750 for the third offense
 - \$ 1,000 for any subsequent offenses



Where to get Additional Information about Disposals at Existing Sites

Contact the Permit Services Section Permit Agent
at 301-206-4003

Or

Contact an Industrial Investigator or Supervisor

Marianna Eberle

301-206-8595

Joseph T Miller

301-206-8590

>Montgomery

Jessica Macer

301-206-8592

Alex DeWire

301-206-8504

Todd Gentry

301-206-8506

David Aries

301-206-8589

>Prince Georges

Brenden Hogan

301-206-7452

Theresa Haas

301-206-8566

Peter Holland

301-206-8629

Any site updates or proposed plans for the Muddy Branch Road, Tanglewood Drive, or Ritchie Road Disposal Sites will be forwarded to you for your awareness using Constant Contact or regular email.

**Muddy Branch continues to be the only WSSC
Water grease waste disposal site**

Next slides are a brief review of Montgomery County's Proposed Septic Tank legislation

No additional updates to forward to the hauling
community

DEP WELL & SEPTIC SYSTEM MANAGEMENT PROGRAM

Septic Tank Pump Out Proposal

Mar. 12, 2021



DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

MONTGOMERY COUNTY • MARYLAND

Onsite Systems Management

Elements of this new program include:

- Proposed legislation for requiring the pumping of all septic tanks at least once every **five** years. Also proposed, will be a rebate that will partially cover the cost for the pumping.
 - Funding for the proposed pump-out rebate would come from the Water Quality Protection Charge.
 - The rebate would be available for each property only once every five years.
 - **DEP plans to reach out to septic haulers to discuss increased demand for pump-outs** and to WSSC to discuss additional use of its septage facility.
 - The septic tank pump-out would apply to all septic systems, regardless of age.

Onsite Systems Management

Septic Tank Pumping

- The Department of Permitting Services (DPS) recommends that septic system owners pump out their septic tanks at least once every two to five years, depending on usage.
- Similar programs in Maryland and across the country also use septic tank pump-out intervals of three to five years.

Questions?

Contact: Alan Soukup

Senior Planner, Intergovernmental Affairs Division

alan.soukup@montgomerycountymd.gov

240-777-7716

Also see montgomerycountymd.gov/wellandseptic



DEPARTMENT OF
ENVIRONMENTAL PROTECTION
MONTGOMERY COUNTY • MARYLAND

Questions for IDC

? ? ?

Can always email the
Industrial Discharge Control Section at:

IndustrialDischargeControl@wsscwater.com

FOG Section

1. About The FOG Program – Will Hodges
2. Types of Grease Abatement – Corey Norris
3. Grease Cleaning Procedures – Mark Scholz
4. Waste Hauler Grease Manifest – Scott Horn
5. Code Sections – Sameer Ali
6. Confined Space – Will Hodges



About The FOG Program

Will Hodges – FOG Supervisor Montgomery County



FATS OILS AND GREASE (FOG) CONTACTS

FOG General Email
FOG_Unit@wsscwater.com

DSD PERMIT SERVICES
 301-206-4003
OneStopShop@wsscwater.com
 (requests for manifests,
 dropping off manifests)

Montgomery County

FOG Investigations Supervisor Will Hodges	Will.Hodges@wsscwater.com	301-206-8250
FOG Investigator Robert Edmands	Robert.Edmands@wsscwater.com	301-206-8527
FOG Investigator Robert Morgan	Robert.Morgan@wsscwater.com	301-206-8599
FOG Investigator Corey Norris	Corey.Norris@wsscwater.com	301-206-8602
FOG Investigator Mark Scholz	Mark.Scholz@wsscwater.com	301-206-8545

Prince George's County

FOG Investigations Supervisor Mike Harper	MichaelD.Harper@wsscwater.com	301-206-8580
FOG Investigator Sameer Ali	Sameer.Ali@wsscwater.com	301-206-8477
FOG Investigator Ricky Rodriguez	Ricky.Rodriguez@wsscwater.com	301-206-8535
FOG Investigator Kevin Smith	Kevin.Smith@wsscwater.com	301-206-8457
FOG Investigator Dale Youngquist	Dale.Youngquist@wsscwater.com	301-206-8546

Section Manager

Section Manager Scott Horn	John.Horn@wsscwater.com	301-206-8719
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WSSC FOG Program “by the numbers”



- 6500+ FSEs registered with region health departments;
- 4890 active FOG regulated FSEs in a 900 square mile area;
- 4500 total inspections per year;
- 610 FSEs per Investigator with staff of
- 8 FOG Investigators
- >1500 outdoor “interceptors”
- >2500 indoor “GADs”
- 33 licensed “grease” haulers
- 1 grease dumping site within the WSSC service district (WSSD)

Find us on the web: Homepage | WSSC Water

The screenshot shows the WSSC Water homepage. At the top left is the WSSC Water logo. The top right navigation bar includes a language selector, links for NEWS, PUBLIC NOTICES, CAREERS, EMPLOYEE PORTAL, SIGN UP / LOG IN, WHO WE ARE, WHAT WE DO, GET INVOLVED, WORK WITH US, and CUSTOMER SERVICE, along with a search icon. The main content area features a section titled "Fats, Oils, and Grease" with a descriptive paragraph and a video thumbnail titled "WSSC - Can the Grease! Grease Blockage". Below the video is a blue button that says "Learn more about our Fats, Oils, and Grease Program". A red arrow points from a grey box labeled "FOG Info" to this button. Below this is another section titled "Industrial Discharge Control Program" with a descriptive paragraph and another blue button that says "Get the facts about Industrial Discharge Control". A second red arrow points from a grey box labeled "IDC Info" to this button. At the bottom of the page, it says "Last Modified: December 13, 2021, 4:52 pm EST".

FOG Info

[Learn more about our Fats, Oils, and Grease Program](#)

IDC Info

[Get the facts about Industrial Discharge Control](#)

Related Links

- [Licensed Haulers](#)
- [FSE Permit Numbers by Name & Address](#)
- [Responding to a Grease Violation for FSE Owners](#)

Read More on Fats, Oils & Grease

[Fats, Oils, & Grease Instructional Videos](#)

These instructional videos show Food Service Establishments the proper procedures for cleaning grease interceptors.

[Fats, Oils, & Grease Training](#)

WSSC Water offers free FOG training to Food Service Establishments and Grease Waste Haulers

[Fats, Oils, & Grease Contacts](#)

Food Service Establishments that have questions about the FOG Program can contact the Fats, Oils and Grease section.

[Partnering to Protect Clean Water](#)

Our FOG program is key to preventing sanitary sewer overflows, sewage backups and sewage spills.

[Fats, Oils, & Grease Program FAQs](#)

[Violations of the Code](#)

If someone else doesn't follow the rules when your plumbing needs work, you could get in trouble. Don't take chances, learn how to be Code-smart.

General References



FOG: Fats, Oils and Greases

IDC: Industrial Discharge Control

SSO: Sanitary Sewer Overflow

- Any unpermitted spill, release, or discharge from the Collection System (overflowing manholes, pumping stations, stream crossings, , etc.)

BBK: Building Backup

- The release from the Collection System through a lateral to a building or structure (usually basement backups)

FSE: Food Service Establishment

- A business, usually defined by Code, that prepares food that may contain FOG

GAD/GRD: Grease Abatement/Recovery Device

- A device designed to physically remove FOG within given specifications
- Flow-Based: typically, indoor, smaller units, up to 300 gallons
- Volume Based: typically, outdoor, larger units

A FOG program's primary objective is SSO PREVENTION

- SSO's in a service area have the potential to discharge thousands of gallons of raw or partially treated sewage into the storm drain system and ultimately to the local water bodies;
- In addition, Building Back Ups can cause additional damages to property and the environment.
- It has been estimated that **40-60%** of all SSOs and basement backups nationwide are grease related.
- Although WSSC is at **25-28%**, we remain under a **Federal Consent Decree until at least 2024** that has specific FOG Program requirements and conditions, hence a "more complicated" FOG disposal tracking program. (i.e. we are not like any other MD county or small city utility)



That "greasy" build-up



Questions?

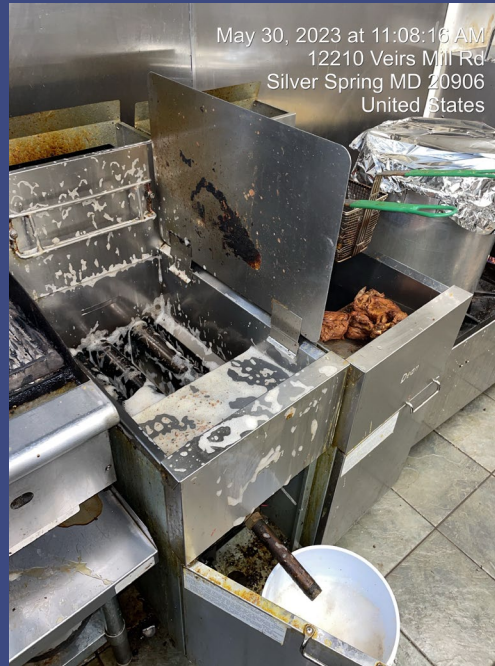


Scott Horn
FOG Section Manager, WSSC
john.horn@wsscwater.com

Types of Grease Abatement

Corey Norris – FOG Investigator Montgomery County

SOME SOURCES OF FOG



There are two types of Grease Interceptors

1. Volume-Based Grease Interceptor:

- (VBGI) 300 – 10,000 Gallon

2. Flow-Based Grease Interceptor:

- Passive (PFBGI)
- Mechanical (MFBGI)
- 25-100 GPM flow rate
- 25 to 299 gallons in volume

VOLUME BASED INTERCEPTORS 300-10,000 gallon



Grease interceptors installed in the ground must have the manhole access ways installed to finish grade.





2019/07/23 10:0

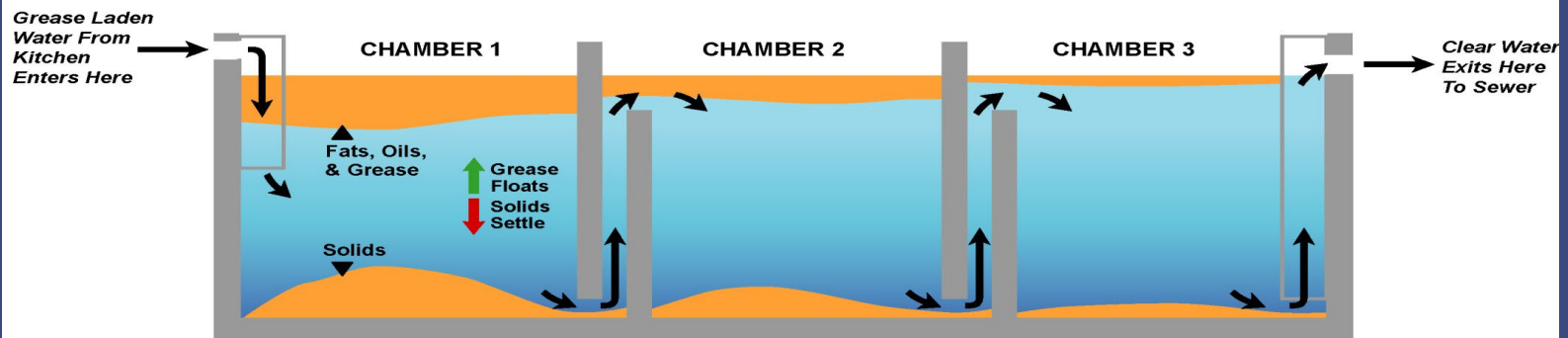
Interior volume-based grease interceptor

Existing concrete interceptors that are being replaced will be in line with newly manufactured steel and fiberglass interceptors.



**Washington Suburban
Sanitary Commission**

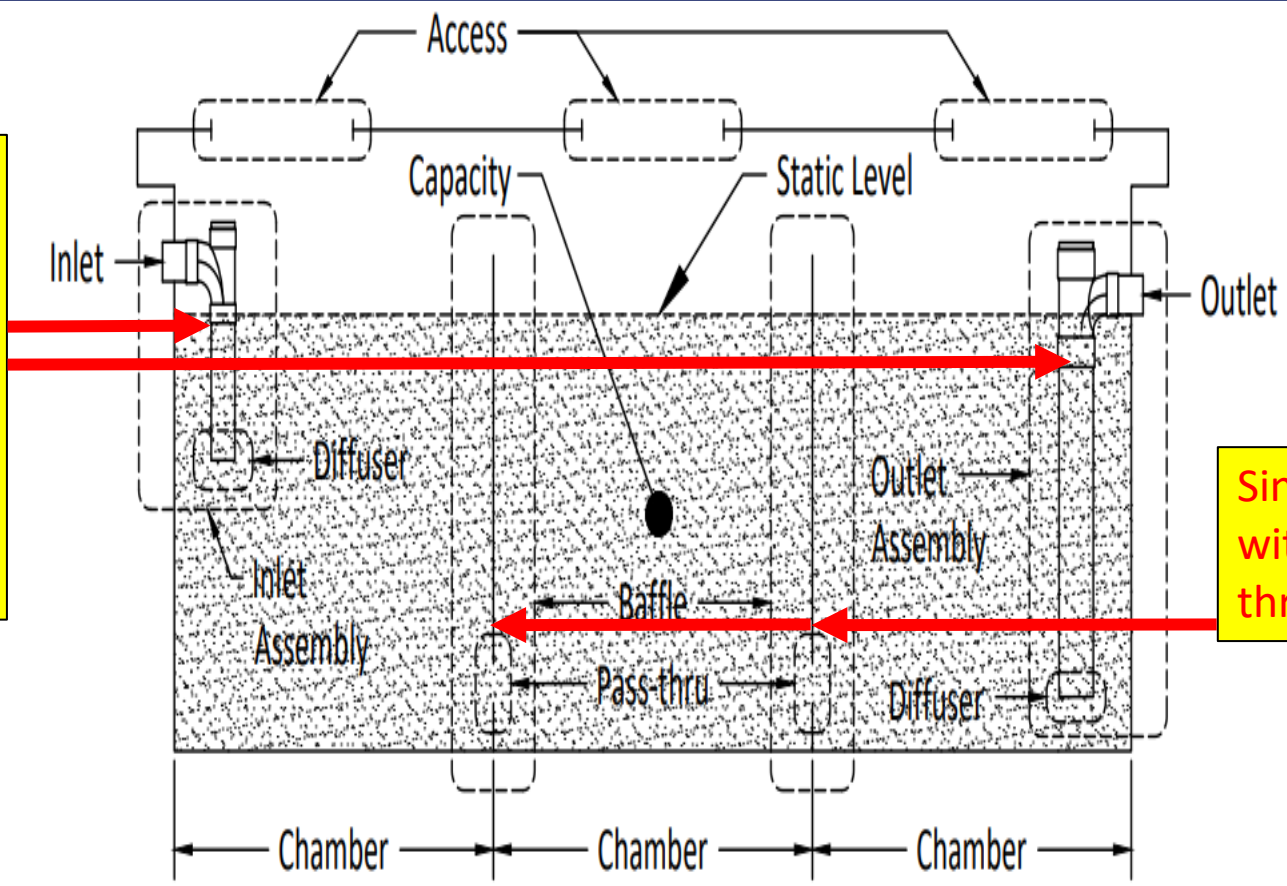
FOG Program Outside Grease Interceptor



All three chambers are pumped out periodically. The contents are hauled to a disposal site.

New approved precast VBGI design; similar to other manufactures design

Inlet and outlet diffusers can be stainless steel or pvc drop tee



Single Baffle with pass through holes

The Full Design Manual is found on WSSC Water website;
[Plumbing, Mechanical & Engineering Plan Review | WSSC Water](#)

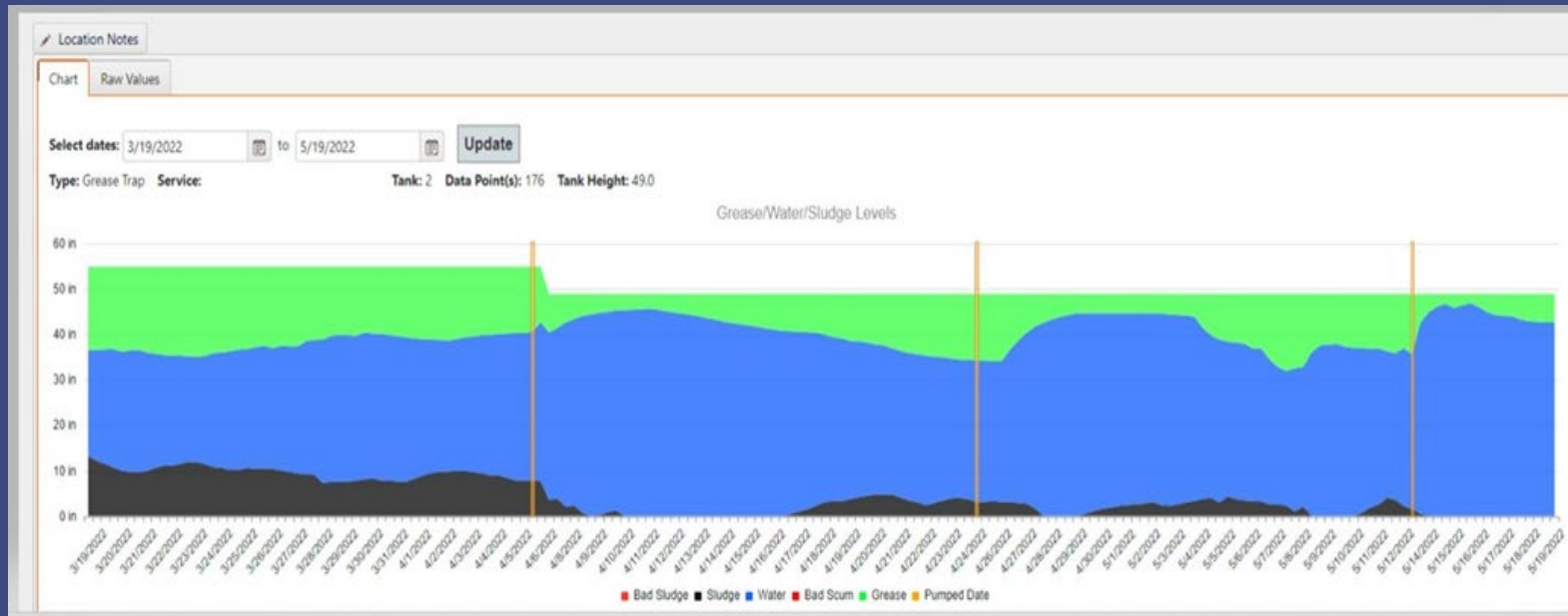
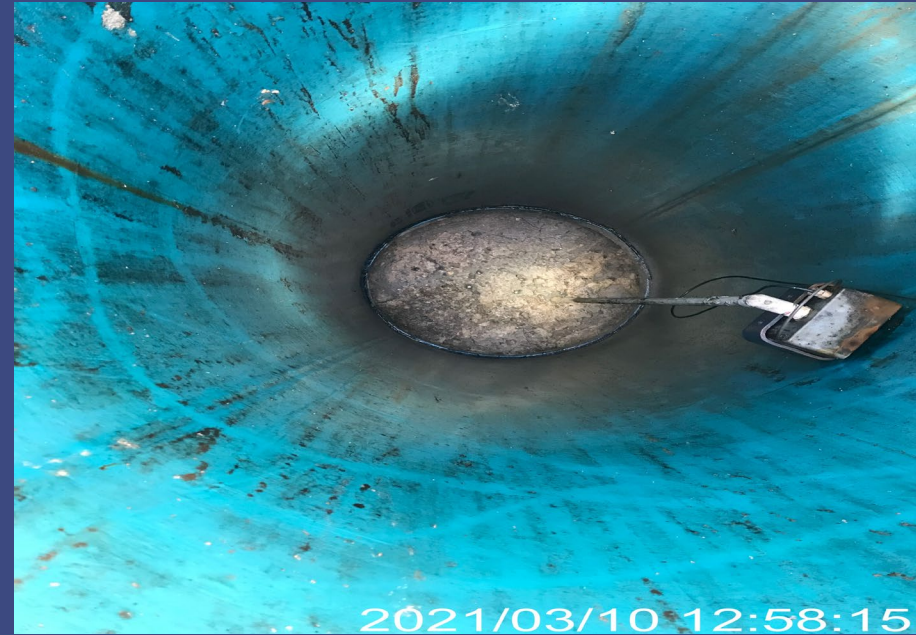
Volume Based Interceptor installed above ground. There is no platform or permanent ladder for ready access for cleaning and inspection. The new revisions to the WSSC Plumbing and Fuel Gas Code now requires a permanent platform unless an approved waiver was issued to allow an OSHA approved mobile step ladder with OSHA approved platform at the top. Like the type at Home Depot and Lowes.



Electronic Monitoring and Alarm Systems

The monitoring device must be installed in Chamber 1 of the interceptor not chamber 2 or 3.

WSSC does not allow for the collected data alone to dictate the pumping frequency. However, this data along with the readings reported on the grease manifest will be evaluated to determine if an FSE can pump on a less frequent basis or more frequent basis.



Passive Flow Based Grease Interceptors

Passive Flow Based (usually installed indoor)



Below-grade passive flow-based interceptors



Types of Grease Abatement Devices

Mechanical Flow Based Grease Interceptors





2021/08/03 09:18:29



2021/07/27 10:40:07



2021/09/29 08:48:26



2021/10/02 12:08:48

Grease Cleaning Procedures

Mark Scholz – FOG Investigator Montgomery County



Maintenance Directives-must be posted and/or readily available

The Maintenance Directive

This document is available from the FSE.

It assigns the required frequency of cleaning for the grease abatement device.

You may ask you customer for a copy to help determine their needs.



Washington Suburban Sanitary Commission



FATS, OILS AND GREASE UNIT
14501 Sweitzer Lane, Laurel, MD 20707

M-844141

MAINTENANCE DIRECTIVE GREASE ABATEMENT SYSTEM (KEEP POSTED)

Property Owner/Tenant: Ashokkumar Sagadevan DATE: 04/28/2022
Company/Facility: BIRYANI CITY
Address: 4830 BOILING BROOK PKWY ROCKVILLE, MD 20852

In accordance with the Plumbing and Fuel Gas Code Regulations of the Washington Suburban Sanitary Commission (WSSC), a grease abatement system has been installed at your facility. This system was installed to prevent grease and/or other substances from entering the waste collection system and causing damage or blockages.

In accordance with the WSSC Plumbing and Fuel Gas Code Regulations, you are hereby directed to:
Any grease abatement device maintenance logs shall be available for review by a WSSC FOG Investigator on demand. A minimum of 3 (three) calendar years of record shall be available on the premises. Copies of your contracted hauler manifests (if applicable) are also required to be onsite.

Implement Best Management Practices as outlined in the WSSC Wastewater Discharge Permit (if issued) and Section 818 of the WSSC Plumbing and Fuel Gas Code.

Maintain grease abatement device on a quarterly basis.

All maintenance frequencies prescribed in this Directive are **minimum** intervals of maintenance. It is the responsibility of the recipient to conduct periodic inspections of the trap or interceptor and conduct cleaning more frequently if necessary. Please be advised that the property owner and operator of the food-handling establishment may be held jointly liable for any damages resulting from discharges from the food-handling establishment. **Changes to your GAD system require WSSC pre-approval.**

Failure to comply with this Directive will result in Civil Citations (fines) of \$250.00 and up to \$1,000.00 and/or TERMINATION OF WATER SERVICE.

Mark Scholz 1532
WSSC Representative (Printed) ID#

Signature

2405335797mark.scholz@wsscwater.com
Telephone / email

Rakesh Singh Waiter
Authorized Representative/Title (Printed)

Signature

301 744 9444
Telephone



Refer to your "Waste Hauler General Conditions" for detailed instructions

1. Inspect Interceptor for any issues prior to cleaning
2. Take a picture of site with interceptor manhole covers still installed
3. Clean Interceptor **(COMPLETELY REMOVE ALL FATS, OILS, GREASE, WATER AND SOLIDS FROM THE INTERCEPTOR INTERIOR)**
4. TAKE PICTURES OF THE CLEAN INTERCEPTOR
5. Re-install interceptor manhole covers
6. Take pictures of site with manhole covers reinstalled
7. Report any defective components of the interceptor that are missing or not functioning properly to the WSSC FOG Office.
8. If the interceptor is causing an environmental or sanitary impact report it immediately as outlined in the Current Waste Hauler General Conditions

Passive Flow-Based GAD Cleaning (typical)

- Clean out the grease trap ENTIRELY.
- Remove the baffles.
- Scrape the baffles and inside walls of the tank to remove FOG buildup.
- Dry wipe the trap rather than using water and cleaning chemicals.
- Reassemble per manufactures specifications.



WSSC general Interceptor maintenance guidelines

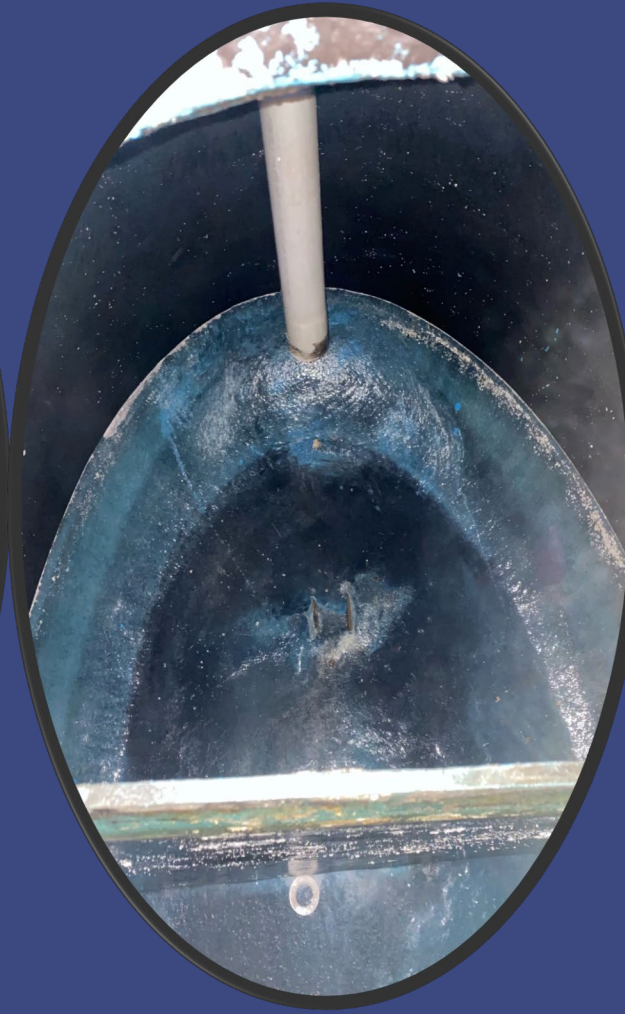
- There should be an adequate number of manholes to provide access for properly cleaning the interceptor
- All grease interceptors should be cleaned at regular intervals. This varies with regulatory requirements.
- Typically, bi-weekly to quarterly.
- When cleaning, the entire tank should be cleaned, including solids from the bottom. “Definition of clean” for (WSSC is “emptied”)



BEFORE



After (Completely Empty)



***Digital, date stamped photographs are required to be taken as evidence of the work completed.**

***Maintain the photographic records for three (3) years at your place of business.**

***All photos must be date and time stamped with the location accurately documented.**

***Photographs are to include, at a minimum:**

- 1) The site, location of interceptor with manhole covers still installed. (prior to cleaning)*
- 2) All compartments of the grease interceptor emptied*
- 3) The site with the interceptor lids reinstalled.*

EXAMPLE PHOTOGRAPHS

The Site



Empty Grease Trap



Lid Re-installed



PICTURE OF THE SITE:



Pictures of all chambers empty



PICTURE OF THE SITE AFTER CLEANING WITH MANHOLE COVERS RE-INSTALLED:



Interceptor Inspection



- Visually inspect the interceptor/trap
- The influent (or entry) side usually has the heavier amounts of grease (top photo here). A stainless-steel baffle or a pipe Tee should be showing.
- You should be able to see an outlet arrangement to gauge efficiency on the other end (bottom photo).

Common Grease Abatement Device Violations

- Baffle wall leaking/collapsed (picture below)
- Trap deteriorated/leaking
- Inlet and outlet diffuser baffles deteriorated or broken



Outlet diffuser baffle rusted through and allowing FOG to enter the sewer system. This situation must be reported to the FOG Section within 24 hours via email to FOG_unit@wsscwater.com





Wall and baffle rusted through

Missing Inlet Baffle



Missing Outlet Baffle



If you find the Interceptor overloaded and/or about to surcharge/overflow.

This situation must be reported to the FOG Section within 24 hours via email to the FOG_unit@wsscwater.com

Grease Surcharge



Reporting of damage or deteriorating conditions of a grease interceptor. Make sure to report it in the time frame laid out in the Waste Hauler General Conditions Section 12, items 7 & 8.

7) If the interceptor or trap is not functioning properly due to defective or missing pipes or components, or if the interceptor or trap is leaking, the permittee shall report these findings on the manifest form and report via email notification within 5 business days for faulty interceptors or traps to WSSC Water's Fats, Oils, and Grease Section at FOG_Unit@wsscwater.com.

8) If the trap or interceptor is causing an environmental or sanitary impact, i.e. overflowing or about to overflow, the waste hauler shall perform the following notification steps;

(a) Notification to the property owner or tenant that is responsible for the interceptor noting they need to call a plumber to inspect and service the piping to and from the interceptor

(b) Document the issue on the grease manifest and include whom the information was discussed with at the FSE directing them to contact a licensed plumber to clear any stoppages causing the interceptor to overflow. See note 2 below.

(c) Copy of manifest must be emailed to FOG_Unit@wsscwater.com identifying the issue within 24 hours, next business day

FSE Discharge Permit Requirements

FSE Wastewater Discharge Permit Requirements

EPA Minimum Permit Requirements:

- (1) Best Management Practices (BMPs) for controlling FOG discharges
- (2) Grease abatement system operations and maintenance standards, when applicable.
- (3) **On-site record keeping requirements.** ←
- (4) Statement of non-transferability. (Name/Ownership changes)
- (5) Other conditions as deemed appropriate by the WSSC.

The white copy of the WSSC
Water Waste Hauler Grease
Disposal Manifest shall be left
on site with an Authorized
Representative

31958

WSSC WATER
DELIVERING THE ESSENTIAL

WSSC Water WASTE HAULER GREASE DISPOSAL MANIFEST

WASTE HAULER INFORMATION

COMPANY NAME LES VEHICLE MAKE & MODEL Bobtail
OWNER NAME _____ TELEPHONE NUMBER 844-694-7327
DC WATER / WSSC Water PERMIT NUMBER W110, Z10 VEHICLE LICENSE NUMBER DK130735
By signing this manifest I certify that I performed the work described below in accordance with WSSC Water's requirements.
DRIVER/CONTRACTOR NAME (PRINT) Ronald Sault SIGNATURE _____ DATE OF WORK 5-25-23

WASTE GENERATOR: FOOD SERVICE ESTABLISHMENT (FSE) OTHER

NAME California Pizza Kitchen ADDRESS 7101 Democracy Blvd CITY Bethesda
STATE MD ZIP 20817 COUNTY Montgomery

FSE WASTES - REQUIRED INFO FOR ANY FSE IN WSSC WATER OR BLUE PLAINS SERVICE AREA

COMPANY CONTACT FOR ACCOUNT _____ WSSC Water FOG PERMIT NUMBER 50826
SITE CONTACT FOR CLEANING contact manager if needed (IF APPLICABLE)
DATE OF LAST CLEANING/PUMP-OUT _____ NUMBER OF INTERCEPTORS AT THIS SITE 1

GREASE ABATEMENT DEVICE (GAD) (for additional devices attach a separate manifest for each)
LOCATION DESCRIPTION: Parking 69932 3100s with CPK
GAD DESCRIPTION (CHECK ALL THAT APPLY):
 OUTSIDE UNIT INSIDE UNIT
 2 MANHOLE UNIT 3 MANHOLE UNIT

APPROXIMATE GREASE LAYER INCHES (TOP): 2 1 MANHOLE UNIT
APPROXIMATE GREASE LAYER INCHES (BOTTOM): 2
APPROXIMATE VOLUME OF INTERCEPTOR: 1300 GALLONS

TIME BEGAN 6:00 TIME COMPLETED 7:00

ADDITIONAL WORK/NOTES (CONDITION, OPERATION, FULL CLEANING): _____

DISPOSAL SITE Dolley Rd DATE AND TIME OF DISPOSAL 200/5-15-23

FOR BLUE PLAINS USE ONLY: DC WATER SECURITY AUTHORIZATION (NAME) _____

MANIFEST PROCESSING

FOR WASTE DISPOSED AT MUDDY BRANCH:
DEPOSIT YELLOW MANIFEST COPY IN
RECEPTACLE LABELED GREASE MANIFEST -OR-
AT THE TIME OF DISPOSAL.

FOR WASTE NOT DISPOSED OF AT MUDDY BRANCH:
MAIL YELLOW MANIFEST COPY TO:
WSSC WATER FOG SECTION
ATTN: FOG SECTION MANAGER
WASHINGTON SUBURBAN SANITARY COMMISSION
14501 SWEITZER LANE, LAUREL, MD 20707

COPIES: TOP-RESIDENT/FSE/OWNER; YELLOW-WSSC; PINK-HAULER; GOLD-DC WATER

2023/05/15 07:02:00

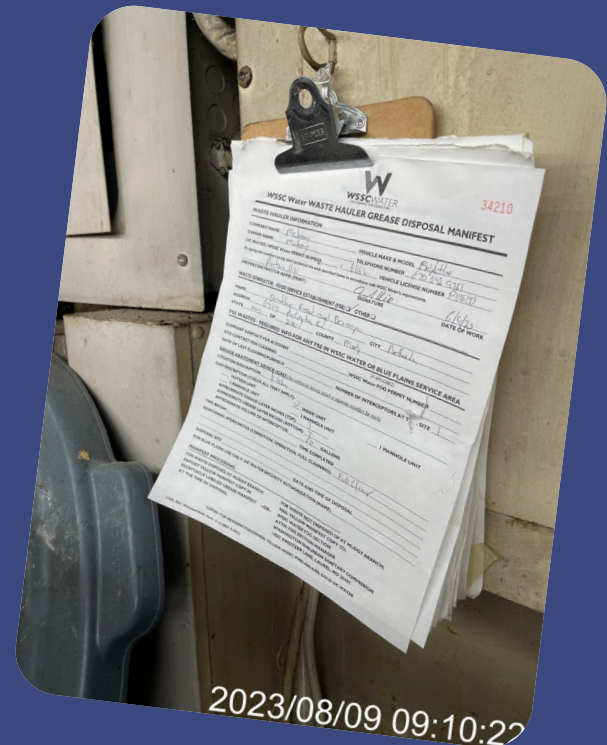
Questions?



Scott Horn
FOG Section Manager, WSSC
john.horn@wsscwater.com

Waste Hauler Grease Manifests

Scott Horn – FOG Section Manager



WSSC MANIFESTING

1. Currently paper based with data input to a database where info is stored and reviewed.
2. 100% digital is being developed and is scheduled to be ready for use to the industry in February 2024.
3. Manifests must be deposited when discharging at Muddy Branch
4. Must mail the manifest to WSSC Water when discharging at Non-WSSC waste disposal site for volumes greater than 100 gallons **within 4 weeks of the cleaning date.**

Manifesting (“smart” utility choice) advantages

- Various systems used by utilities nationwide
- WSSC’s satisfy Consent Decree tracking requirements (per EPA)
- Identifies responsible parties
- Helps quantify the waste
- Helps quantify the interceptor usage, characteristics
- Helps track compliance
- Can help determine interceptor condition
- Documents maintenance
- Tracks the waste
- Protects the hauler



MANIFEST EXCEPTION NOTE

- Manifests are required for the cleaning of all GADs located in FSEs within the WSSC service area regardless of the disposal site, however.....
- WSSC FOG manifests documenting the cleaning of *flow-based* grease interceptors (the “indoor grease traps”) *up to 100 gallon capacity*, will be OPTIONAL for Zero Discharge Haulers
- Full Permit Waste Haulers are required to submit manifests for any volume of waste when disposed at Muddy Branch (mailing duplicate optional).
- WSSC will continue to work with Waste Haulers, property owners/managers and FSEs for volume-based interceptors that are shared by more than one FSE.
 - Some locations already have been set and are working for the recordkeeping process.



FOG Discharge Permit



Fats, Oils, and Grease Program Food Service Establishment Discharge Permit

(This permit must be posted conspicuously at the place of business)

Permit Number

Permitted Facility: WHEATON HIGH SCHOOL CONCESSION
Permit Number: 67088
Site Address: 12401 DALEWOOD DR MCPS
SILVER SPRING, MD 20906

In accordance with the provisions of the Washington Suburban Sanitary Commission's (WSSC's) Plumbing and Fuel Gas Code and applicable provisions of Federal and State law, the above named Food Service Establishment, hereinafter referred to as "FSE," is hereby granted permission to discharge wastewater into the WSSC's sewer system in accordance with the General and Special conditions contained herein.

In the event that this Discharge Permit is revoked, terminated, suspended, or otherwise made invalid in accordance with the WSSC's FSE Enforcement Response Plan, all discharges into the WSSC's sewer system shall immediately cease.

This Discharge Permit shall remain in effect unless modified, suspended, or terminated in accordance with Section I.B.6.

Effective Date: 3/1/2021

Blank Manifest



(WSSC Water) WASTE HAULER GREASE DISPOSAL MANIFEST:

WASTE HAULER INFORMATION

COMPANY NAME _____ VEHICLE MAKE & MODEL _____
 OWNER NAME _____ TELEPHONE NUMBER _____
 DC WATER / WSSC Water PERMIT NUMBER _____ / _____ VEHICLE LICENSE NUMBER _____

By signing this manifest I certify that I performed the work described below in accordance with WSSC Water's requirements.

DRIVER/CONTRACTOR NAME (PRINT) _____ SIGNATURE _____ DATE OF WORK _____

WASTE GENERATOR: (FOOD SERVICE ESTABLISHMENT (FSE)) (OTHER _____)

NAME _____
 ADDRESS _____ CITY _____
 STATE _____ ZIP _____ COUNTY _____

FSE WASTES - REQUIRED INFO FOR ANY FSE IN WSSC OR BLUE PLAINS SERVICE AREA

(IF APPLICABLE)
 COMPANY CONTACT FOR ACCOUNT _____ WSSC Water FOG PERMIT NUMBER _____
 SITE CONTACT FOR CLEANING _____
 DATE OF LAST CLEANING/PUMPOUT _____ NUMBER OF INTERCEPTORS AT THIS SITE _____

GREASE ABATEMENT DEVICE (GAD) (for additional devices attach a separate manifest for each)

LOCATION DESCRIPTION: _____

GAD DESCRIPTION (CHECK ALL THAT APPLY):

___ OUTSIDE UNIT ___ INSIDE UNIT ___ 1 MANHOLE UNIT
 ___ 2 MANHOLE UNIT ___ 3 MANHOLE UNIT

APPROXIMATE GREASE LAYER INCHES (TOP): _____

APPROXIMATE GREASE LAYER INCHES (BOTTOM): _____

APPROXIMATE VOLUME OF INTERCEPTOR: _____ GALLONS

TIME BEGAN _____ TIME COMPLETED _____

ADDITIONAL WORK/NOTES (CONDITION, OPERATION, FULL CLEANING): _____

DISPOSAL SITE _____ DATE AND TIME OF DISPOSAL _____

FOR BLUE PLAINS USE ONLY: DC WATER SECURITY AUTHORIZATION (NAME) _____

MANIFEST PROCESSING

DEPOSIT YELLOW MANIFEST COPY IN RECEPTACLE LABELED GREASE MANIFEST AT THE MUDDY BRANCH WASTE DISPOSAL SITE AT TIME OF DISPOSAL. **-OR-** MAIL YELLOW MANIFEST COPY TO: ATTN: MR. WAYNE LUDWIG FOG UNIT COORDINATOR REGULATORY SERVICES GROUP WASHINGTON SUBURBAN SANITARY COMMISSION 14501 SWEITZER LANE, LAUREL, MD 20707

COPIES: TOP-RESIDENT/FSE/OWNER; YELLOW-WSSC; PINK-HAULER; GOLD-DC WATER



Waste Hauler information section



(WSSC Water) WASTE HAULER GREASE DISPOSAL MANIFEST:

WASTE HAULER INFORMATION

COMPANY NAME _____ VEHICLE MAKE & MODEL _____

OWNER NAME _____ TELEPHONE NUMBER _____

DC WATER / WSSC Water PERMIT NUMBER _____ / _____ VEHICLE LICENSE NUMBER _____

By signing this manifest I certify that I performed the work described below in accordance with WSSC Water's requirements.

DRIVER/CONTRACTOR NAME (PRINT)

SIGNATURE

DATE OF WORK



Name and address of FSE as shown on FOG Discharge permit or Maintenance Directive issued to FSE

WASTE GENERATOR: (FOOD SERVICE ESTABLISHMENT (FSE)) (OTHER _____)

NAME _____

ADDRESS _____ CITY _____

STATE _____ ZIP _____ COUNTY _____

WSSC Water FOG Permit Number

1. For all facilities in the WSSC Water Jurisdiction a FSE FOG Permit number is required to be entered.
2. A list of all active FSEs can be obtained on the WSSC Water Internet page.
3. The Facility will have a FOG Discharge Permit Posted on-site if they have been permitted by WSSC Water.

FSE WASTES - REQUIRED INFO FOR ANY FSE IN WSSC WATER OR BLUE PLAINS SERVICE AREA

(IF APPLICABLE)

COMPANY CONTACT FOR ACCOUNT _____ **WSSC Water FOG PERMIT NUMBER** _____

SITE CONTACT FOR CLEANING _____

DATE OF LAST CLEANING/PUMPOUT _____ **NUMBER OF INTERCEPTORS AT THIS SITE** _____

GREASE ABATEMENT DEVICE (GAD) (for additional devices attach a separate manifest for each)

LOCATION DESCRIPTION: _____

GAD DESCRIPTION (CHECK ALL THAT APPLY):

- OUTSIDE UNIT INSIDE UNIT 1 MANHOLE UNIT
 2 MANHOLE UNIT 3 MANHOLE UNIT

APPROXIMATE GREASE LAYER INCHES (TOP): _____

APPROXIMATE GREASE LAYER INCHES (BOTTOM): _____

APPROXIMATE VOLUME OF INTERCEPTOR: _____ GALLONS

TIME BEGAN _____ TIME COMPLETED _____

ADDITIONAL WORK/NOTES (CONDITION, OPERATION, FULL CLEANING): _____

DISPOSAL SITE _____ DATE AND TIME OF DISPOSAL _____

FOR BLUE PLAINS USE ONLY: DC WATER SECURITY AUTHORIZATION (NAME) _____

MANIFEST PROCESSING

FOR WASTE DISPOSED OF AT MUDDY BRANCH: DEPOSIT YELLOW MANIFEST COPY IN RECEPTACLE LABELED GREASE MANIFEST AT THE TIME OF DISPOSAL.

OR

**FOR WASTE NOT DISPOSED OF AT MUDDY BRANCH: MAIL YELLOW MANIFEST COPY TO:
WSSC WATER FOG SECTION
ATTN: FOG SECTION MANAGER
WASHINGTON SUBURBAN SANITARY COMMISSION
14501 SWEITZER LANE, LAUREL, MD 20707**

COPIES: TOP-RESIDENT/FSE/OWNER; YELLOW-WSSC; PINK-HAULER; GOLD-DC WATER



183478

(WSSC) WASTE HAULER GREASE DISPOSAL MANIFEST:

WASTE HAULER INFORMATION

COMPANY NAME Rochat Kooter VEHICLE MAKE & MODEL International
OWNER NAME A. Iselhor TELEPHONE NUMBER 301-424-1161
DC WATER / WSSC PERMIT NUMBER 6201 VEHICLE LICENSE NUMBER 567E25

By signing this manifest I certify that I performed the work described below in accordance with WSSC's requirements.

DRIVER/CONTRACTOR NAME (PRINT) Gene A. Rochat SIGNATURE [Signature] DATE OF WORK 8/5/19

WASTE GENERATOR: (FOOD SERVICE ESTABLISHMENT (FSE)) (OTHER - c/club)

NAME Lenwood c/club
ADDRESS 3601 Row RD CITY Bethesda
STATE MD ZIP 20814 COUNTY MC

FSE WASTES - REQUIRED INFO FOR ANY FSE IN WSSC OR BLUE PLAINS SERVICE AREA

COMPANY CONTACT FOR ACCOUNT Stephen (IF APPLICABLE) WSSC FOG PERMIT NUMBER 50357
SITE CONTACT FOR CLEANING Stephen
DATE OF LAST CLEANING/PUMPOUT monthly NUMBER OF INTERCEPTORS AT THIS SITE 1

GREASE ABATEMENT DEVICE (GAD) (for additional devices attach a separate manifest for each)

LOCATION DESCRIPTION: Outside

GAD DESCRIPTION (CHECK ALL THAT APPLY):
 OUTSIDE UNIT INSIDE UNIT 1 MANHOLE UNIT
 2 MANHOLE UNIT 3 MANHOLE UNIT
APPROXIMATE GREASE LAYER INCHES (TOP):
APPROXIMATE GREASE LAYER INCHES (BOTTOM): 2
APPROXIMATE VOLUME OF INTERCEPTOR: 1600 GALLONS
TIME BEGAN 5:15 TIME COMPLETED 5:39

ADDITIONAL WORK/NOTES (CONDITION, OPERATION, FULL CLEANING):

DISPOSAL SITE Muddy Branch DATE AND TIME OF DISPOSAL 8/5/19 - 7:30

FOR BLUE PLAINS USE ONLY: DC WATER SECURITY AUTHORIZATION (NAME)

MANIFEST PROCESSING

DEPOSIT YELLOW MANIFEST COPY IN RECEPTACLE LABELED GREASE MANIFEST AT THE MUDDY BRANCH WASTE DISPOSAL SITE AT TIME OF DISPOSAL.

MAIL YELLOW MANIFEST COPY TO:
ATTN: MR. WAYNE LUDWIG
FOG UNIT COORDINATOR
REGULATORY SERVICES GROUP
WASHINGTON SUBURBAN SANITARY COMMISSION
14501 SWEITZER LANE, LAUREL, MD 20707

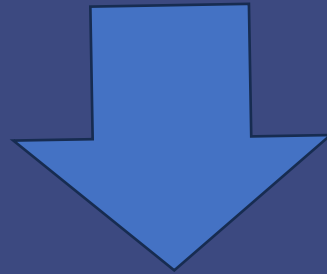


COPIES: TOP - RESIDENT/FSE/OWNER; YELLOW-WSSC; PINK-HAULER; GOLD-DG WATER



If you cannot locate a WSSC Water FOG Permit Number at the FSE or from the website below.

Please contact the FOG Section at 301-206-8811 or email fog_unit@wsscwater.com and we will provide the FOG number.



<https://www.wsscwater.com/fog>



Related Links



- [Licensed Haulers](#)
- [FSE Permit Numbers by Name & Address](#)
- [Responding to a Grease Violation for FSE Owners](#)

Read More on Fats, Oils & Grease

[Fats, Oils, & Grease Instructional Videos](#)

These instructional videos show Food Service Establishments the proper procedures for cleaning grease interceptors.

[Fats, Oils, & Grease Training](#)

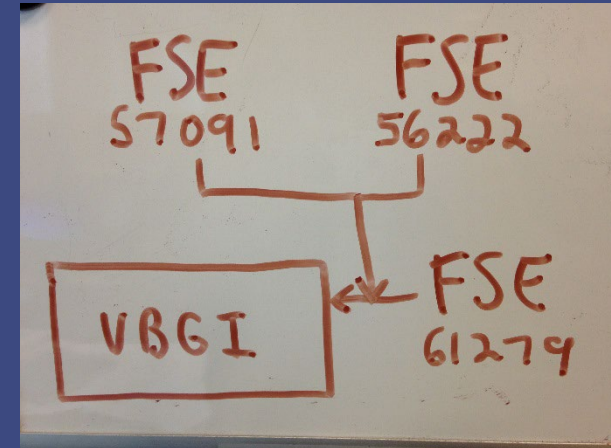
WSSC Water offers free FOG training to Food Service Establishments and Grease Waste Haulers

[Fats, Oils, & Grease Contacts](#)

Food Service Establishments that have questions about the FOG Program can contact the Fats, Oils and Grease section.

A word about shared interceptors (multiple FSEs discharging to the same interceptor)

- WSSC (LINKO) database is not technically set-up to credit 3 FSEs with one interceptor;
- Requires Property owner/manager involvement and education;
- Coordination between WSSC/Onsite owner/FSE and Hauler



[1003.2.4 Property owners of commercial properties, or their official designee(s), shall be responsible for the installation and maintenance of grease abatement systems serving multiple Food Service Establishments that are located on a single parcel.]

Please ensure to submit your completed manifests within the timeframe required on your Waste Hauler Permit General Conditions;

Late or incomplete manifest, Is a violation of your waste hauler permit

- Discharge at Muddy Branch – Must drop off in mailbox at the site at time of disposal
- Discharge at a site not in WSSC Water Jurisdiction – Mailed into WSSC within 4 weeks

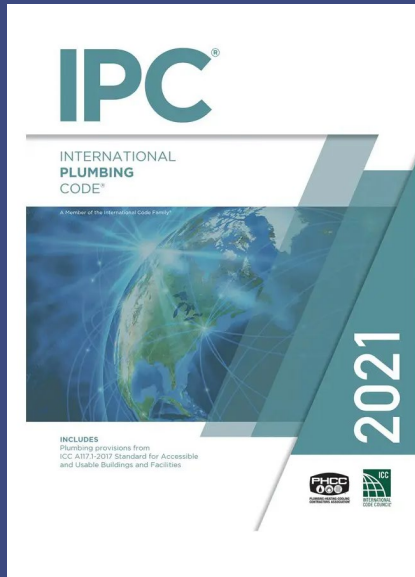
Questions?



Scott Horn
FOG Section Manager, WSSC
john.horn@wsscwater.com

Code Sections

Sameer Ali – FOG Investigator Prince George's County



(WSSC Water) WASTE HAULER GREASE DISPOSAL MANIFEST:

WASTE HAULER INFORMATION

COMPANY NAME _____ VEHICLE MAKE & MODEL _____
OWNER NAME _____ TELEPHONE NUMBER _____
DC WATER / WSSC Water PERMIT NUMBER _____ VEHICLE LICENSE NUMBER _____
By signing this manifest I certify that I performed the work described below in accordance with WSSC Water's requirements.

DRIVER/CONTRACTOR NAME (PRINT) _____ SIGNATURE _____ DATE OF WORK _____
WASTE GENERATOR: FOOD SERVICE ESTABLISHMENT (FSE) [OTHER]

NAME _____
ADDRESS _____ CITY _____
STATE _____ ZIP _____ COUNTY _____

FSE WASTES - REQUIRED INFO FOR ANY FSE IN WSSC OR BLUE PLAINS SERVICE AREA

COMPANY CONTACT FOR ACCOUNT _____ (IF APPLICABLE) _____
SITE CONTACT FOR CLEANING _____ WSSC Water FOG PERMIT NUMBER _____
DATE OF LAST CLEANING/PUMP-OUT _____ NUMBER OF INTERCEPTORS AT THIS SITE _____
GREASE ABATEMENT DEVICE (GAD) (for additional devices attach a separate manifest for each)

LOCATION DESCRIPTION:

GAD DESCRIPTION (CHECK ALL THAT APPLY):
OUTSIDE UNIT _____ INSIDE UNIT _____ 1 MANHOLE UNIT _____
2 MANHOLE UNIT _____ 3 MANHOLE UNIT _____
APPROXIMATE GREASE LAYER INCHES (TOP): _____
APPROXIMATE GREASE LAYER INCHES (BOTTOM): _____
APPROXIMATE VOLUME OF INTERCEPTOR: _____ GALLONS

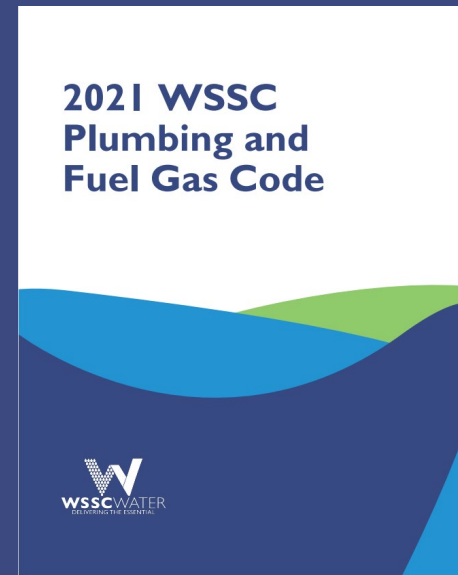
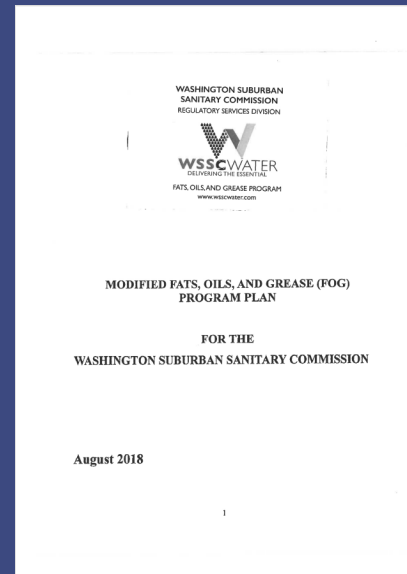
TIME BEGAN _____ TIME COMPLETED _____
ADDITIONAL WORK/NOTES (CONDITION, OPERATION, FULL CLEANING): _____

DISPOSAL SITE _____ DATE AND TIME OF DISPOSAL _____
FOR BLUE PLAINS USE ONLY: DC WATER SECURITY AUTHORIZATION (NAME) _____

MANIFEST PROCESSING

DEPOSIT YELLOW MANIFEST COPY _____ MAIL YELLOW MANIFEST COPY TO: _____
IN RECYCLE LABELLED _____ ATTN: MR. WAYNE LUDWIG _____
GREASE MANIFEST AT THE _____ FOG UNIT COORDINATOR _____
BLEED BRANCH WASTE _____ REGULATORY SERVICES GROUP _____
DISPOSAL SITE AT TIME _____ WASHINGTON SUBURBAN SANITARY COMMISSION _____
OF DISPOSAL _____ 1401 SWITZER LANE, LAUREL, MD 20787

COPIES: TOP-RESIDUE/PRE-CLEANER, YELLOW-WSSC; PINK-HAULER; GOLD-DC WATER
2000_REV_03MANIFEST Form 11-19 (REV. 1/2020)



WSSC can regulate/control FOG, IDC, and Plumbing Codes.
THIS OFFERS AN ADVANTAGE OVER MANY TYPES OF FOG PROGRAMS. (WSSC CODE REVISED 2021)

Your basic WSSC Code Section References: 814 and 818

SECTION 814 HAULED WASTES

814.1 Applicability. This subsection shall apply to companies, individuals or partnerships hereinafter referred to as Waste Haulers, engaged in the business of transportation or disposal of domestic wastes or grease from food service establishments. These subsection shall also apply to businesses as deemed appropriate by the Commission including grease interceptor cleaning, buses, carpet cleaning and mobile food service companies.

The cleaning of grease interceptors within the Commission service area without the appropriate permit shall be prohibited. (Food Service Establishments (FSEs) that self-clean flow-based grease interceptors shall not be required to obtain a permit).

814.2 Definitions. In addition to the definitions generally applicable to the provisions of this Code (See Chapter 2), and this Chapter (see Section 801.2), the following definitions are specifically applicable to the provisions of this Section 814, Hauled Wastes.

“**Holding tank**” means a sealed tank that collects wastewater thru removal and transportation to a treatment facility. Commonly trailers and similar uses.

“**Non-domestic wastewater**” means the liquid wastes from indust from domestic wastes, including the contents of grease abatement plants or non-domestic sources shall not be discharged at the de writing by the Commission. The contents of grease abatement sy the purposes of this section.

“**Point of discharge**” means a discharge of waste at any place in th by the Commission shall be prohibited.

“**Septic tank**” means is an underground chamber made of co wastewater flows for basic treatment. Settling and anaerobic pro water into a drainfield where the water percolates underground.

“**Transfer tank**” means a tank, vessel, or container in a centralizec various sources or locations before being transferred for disposal

SECTION 818 FOOD SERVICE ESTABLISHMENT DISCHARGE REQUIREMENTS

818.1 Applicability. The regulations in this Section shall apply to establishments where food is served to or provided for the public, with or without charge, including restaurants, cafeterias, hotel kitchens, church kitchens, school kitchens, hospital cafeterias, bars; or any other commercial operation that has the potential to discharge grease-laden wastewater. Food service establishments are referred to hereafter as FSEs. FSEs are a specially designated Industrial User.

818.1.1 Chapter 8 requirements. Notwithstanding the specific requirements in this section, all applicable regulations in Chapter 8 of this Code that relate to industrial users shall also apply to FSEs.

818.2 Permit required. All qualifying FSEs shall obtain or be issued a FSE Wastewater Discharge Permit. New and existing FSEs may be required to complete a fully signed permit survey to document their Discharge Permit. Failure to return a completed permit survey can subject the FSE to enforcement actions. If the Commission deems the FSE qualifies for a Discharge Permit, the FSE survey may also be used as the permit application requiring the FSE’s Commission account number and a responsible party signature.

818.2.1 Issuance of discharge permit. To ensure the FSE is aware of requirements of this Code or other federal, state or Commission deadlines, the Commission reserves the right to issue a FSE Discharge Permit before receiving an FSE’s completed permit survey.

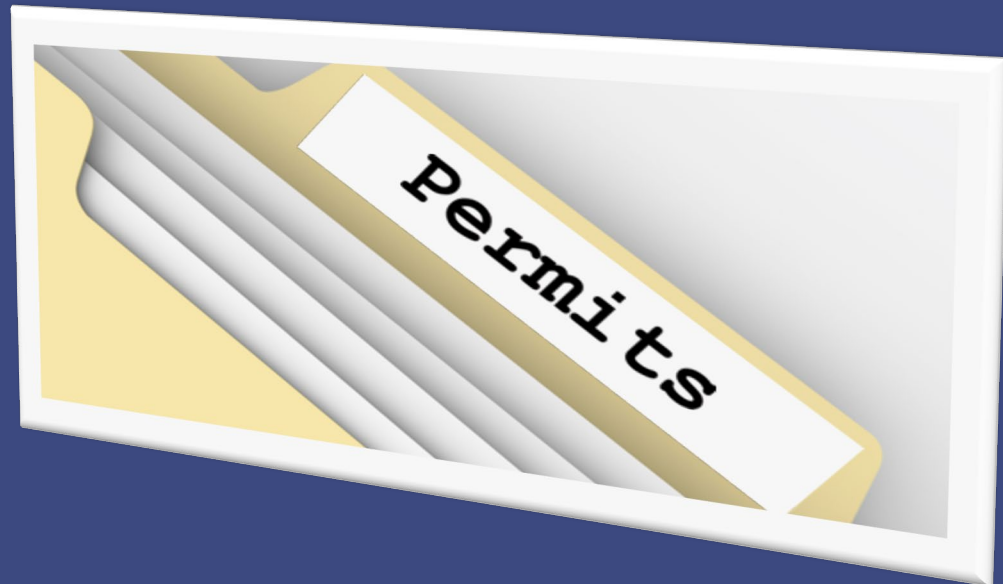
General FOG Program Enforcement

- The FOG Section has Eight experienced FOG Investigators, Two FOG Investigations Supervisors, and One Section Manager.
- FOG has the investigative and enforcement authority over FSE's, including how they operate and maintain their produced grease and grease abatement devices.
- FOG enforces specific limitations on discharges into the sanitary sewer.
- FOG enforces other portions of the Plumbing and Fuel Gas Code such as plumbing design, fixtures, drainage, interceptors and traps.

Assuring “cross-compliance”

Other Permits.

- Haulers and FSEs must maintain the applicable required County Health Department permit.
- Haulers and FSEs must comply with all permits issued by Local, State or Federal Regulatory agencies.



USE OF “JUGGLER-TYPE” (pump and return) VEHICLES AT INTERCEPTORS



PROHIBITED without prior written request to, and approval from, WSSC IDC

2021 WSSC PLUMBING & FUEL GAS CODE SECTION 807

RIGHT OF ENTRY (page 118)

807.1 Investigation Authority

- **807.1 Investigation Authority**

- **807.1.1 Scope of duties.** Employees or agents of the Commission shall have the right to enter and inspect any properties, buildings and premises in the Sanitary District or in those portions of Montgomery and Prince George's Counties outside of the Sanitary District, while in the pursuit of their official duties cited in this Code including: Inspecting, monitoring, reviewing records, copying records, setting up monitoring or measuring equipment or any other actions necessary to determine compliance with this Code. Commission personnel shall have the right to document locations, processes, conditions or equipment, at an Industrial User's facility through the use of photographs or video cameras or at the discretion of the Commission, require the Industrial User to supply such documentation
- **807.1.2 Inspections.** Inspections of facilities shall be performed by the Code Official, employees of the Commission, or its agents as deemed necessary by the Commission. Inspections may be performed anytime the facility is in operation, discharging or has a potential to discharge.
- **807.1.3 Identification and Entry.** Where an Industrial User has security measures or safety procedures in force that require proper identification and clearance or special protective equipment before entry can be gained into the premises, the Industrial User shall make necessary arrangements at its own expense, to enable Commission employees, their agents, the State or EPA entry without delay for the purposes of performing their official duties.
- **807.1.6 Intimidation or Obstruction.** Industrial Users shall not initiate or permit any action which harasses, intimidates, obstructs or threatens Commission employees or their agents in the performance of their official duties.



818.4.3 Maintenance and inspection intervals. The minimum maintenance frequency for Volume-Based Grease Interceptors, including cleaning, shall be quarterly, or shall be determined by the manufacturers' recommendations, or by the Code Official's directive, or by Section 818.4.2, "25% Rule", whichever is more stringent. Volume-Based Grease Interceptors shall be internally inspected annually by a qualified inspection service to determine needs for additional cleaning or repair work or other maintenance activities. The minimum maintenance frequency Flow-Based Grease Interceptors, including cleaning, shall be determined by manufacturers' recommendations, or by the Code Official's INDUSTRIAL AND SPECIAL WASTE 2021 WSSC PLUMBING AND FUEL GAS CODE 129 written directive, or by Section 818.4.2, "25% Rule", whichever is more stringent. Flow-based Grease Interceptors shall be inspected weekly so as to identify any operational or maintenance issues and to monitor compliance with the applicable maintenance requirements. Deviation from required maintenance intervals listed above shall be submitted to and approved or disapproved by the Commission in writing before implementation. The Commission shall maintain a list of all such approved deviations, and shall provide said list to MDE and EPA upon written request.

818.4.3.2 Deviation. FSEs who deviate from the frequency of pumping or maintenance requirements of their Commission issued Maintenance Directive, without prior Commission approval, will be in violation and are subject to a civil citation at the discretion of the Code Official.

818.6 Waste hauler. A valid WSSC waste hauler discharge permit or zero discharge permit is required for all waste haulers performing pumping and cleaning services on grease abatement systems located in the Commission service area. Pumping and disposal of the contents shall be performed in accordance with conditions of the waste hauler discharge permit cited in Section 814. **"It is a violation of this Code for an FSE to allow an unpermitted waste hauler to perform pumping or cleaning services on the FSE's grease abatement system"**

818.7 Use of additives. The introduction into the plumbing system of any surfactant, solvent, emulsifier, free enzymes or material that allows the grease to pass from the grease abatement system into the collection system is prohibited.

GAD Specifics

804.1.1 Temperature. Any liquids or vapors having a temperature greater than 140°F (60C). In no case shall discharged waste raise the temperature at the treatment works influent greater than 104°F (40C).

818.4.2 25% Rule. It shall be the Permittee's/Property Owner's responsibility to ensure that the accumulation of FOG and solids does not exceed 25% of the liquid retention capacity of the grease interceptor. If a grease interceptor is specifically designed to function properly with FOG and solids accumulation greater than 25%, the allowable accumulation of FOG and solids may be adjusted by the Commission on a case-by-case basis

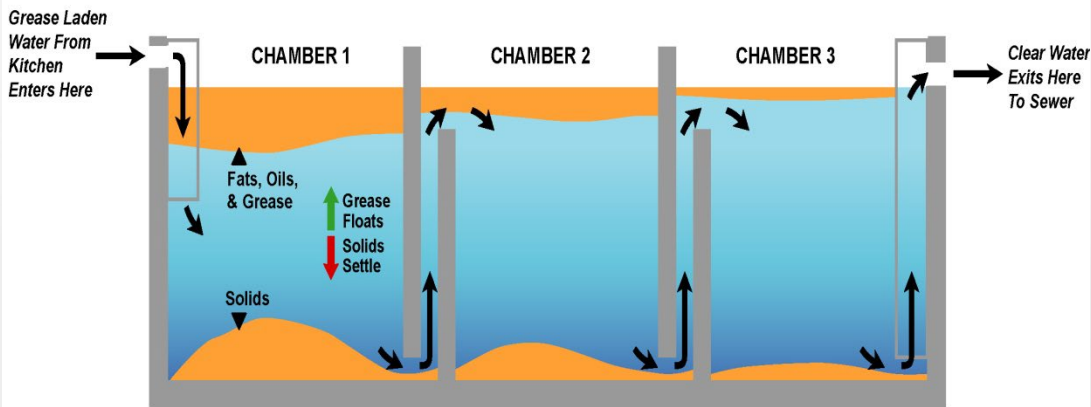
1003.2.8.2.7.4 Access. If a new volume-based grease interceptor must be installed with access higher than 5 feet (1,524 mm) above finished floor or grade, the building owner shall install an OSHA approved permanent platform at the interceptor to provide access for workers.



The “25% Rule”

Definition:

The combined depth of the FOG layer and solids layer shall not exceed 25% of the total liquid depth of the grease interceptor. This is why we ask for measurements



All three chambers are pumped out periodically. The contents are hauled to a disposal site.



A note about ENFORCEMENT FOG Management needs to follow the “cradle to grave” environmental mentality of various E.P.A. Laws



What does CRADLE-GRAVE mean?

The FSE needs to be in compliance from the time they produce grease until the grease is legally disposed of.



BASICALLY-SECTIONS 814 & 818 OF THE WSSC PLUMBING AND FUEL GAS CODE

Think about it a bit....

- Reports of obvious Violations shall be made to FOG_unit@wsscwater.com and will remain strictly confidential



Questions?



Confined Space

- WSSC is not the regulatory authority for training and enforcing confined space requirements for contractors performing work for their customers.
- MOSH is the regulatory authority for confined space safety requirements
- Contractors and their employees shall be trained and certified in confined space entry and retrieval in accordance with 29 CFR 1910.146
- Contact MOSH for more information and training requirements

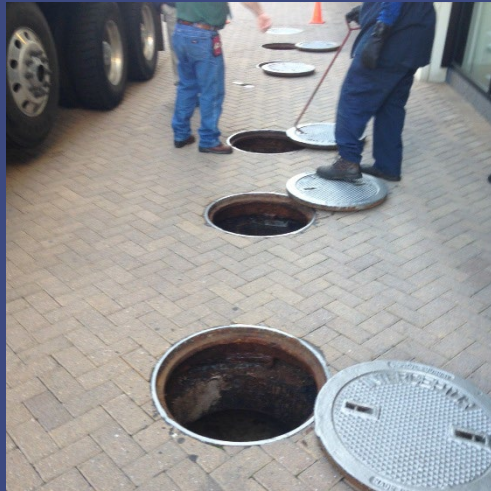
What is a Confined Space

Confined space is space that:

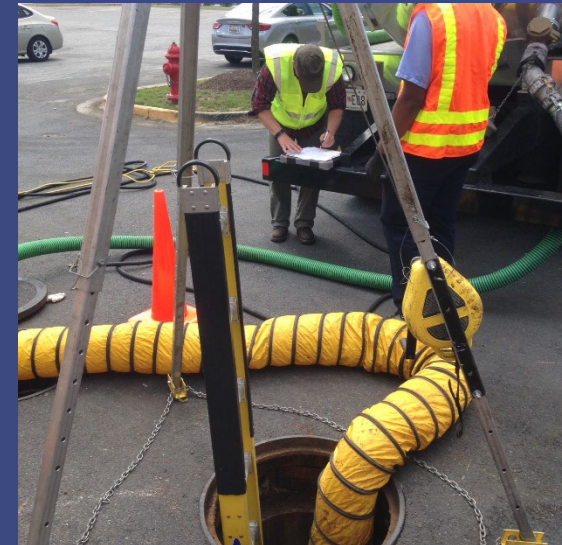
- Is large enough & configured that an employee can bodily enter & perform assigned work
- Has limited or restricted means for entry or exit (i.e. tanks, vessels, silos, pits, vaults or hoppers)
- Is not designed for continuous employee occupancy



CONFINED SPACES- SETTING UP WORK



CONFINED SPACE- TYPICAL PRELIMINARY STEPS



CONFINED SPACE ENTRY



CONFINED SPACE ENTRY “IT’S THE LAW”



