

When is Septage Really Septage?



GLAD TO SEE YOU MADE THE MOVE!

GREASE TRAP WASTE

GREASE TRAP WASTE IS NOT CONSIDERED SEPTAGE UNDER THE FEDERAL 503 RULE



Definition of Septage

- Domestic septage as described in the federal part 503 regulation is the liquid or solid removed from a septic tank, cesspool, portable toilet, type III marine sanitation device, or a similar system that receives only domestic septage (household, non-commercial, non-industrial sewage)

Common materials found in septage

- **Urine**
- **Feces**
- **Toilet Paper**
- **Sanitary Products**
- **Rubber Goods**



Industrial or Commercial Septage

- Industrial or commercial septage, which is material pumped from septic tanks or other devices used in the collection, pretreatment, or treatment of any water-carried waste resulting from any process of industry, manufacturing, trade, or business where the design disposal of the wastewater is subsurface.

FYI.....

- Domestic septage mixed with any industrial or commercial septage is considered industrial or commercial septage.

Sewage Sludge

- A solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in a treatment works



FYI.....

- Domestic septage mixed with any sewage sludge is considered sewage sludge.



What makes a difference?

- The factors which make commercial and domestic septage different are not the establishments but the wastes the building sends to its system and the type of system that treats the waste





Problem materials

- Paint clean-up water and oil
- Beauty salon wastes
- Photographic chemicals
- Automobile chemicals
- Hospital and medical wastes
- Mortuary wastes
- Veterinary medical wastes

PAINT** & VARNISH CLEAN UP**



Home Heating Oil

- Accidental spills to septic tank



BEAUTY SALON



PHOTOGRAPHIC CHEMICALS



SERVICE STATIONS



SERVICE STATIONS EXTENDED AERATION SYSTEM WITH THE PRESENCE OF OIL



AUTOMATIC CAR WASH



Self Serve Car Wash

- Open 24 hours
- No over sight of chemical cleaners
- Not just cars washed
- SHOULD NOT BE LAND APPLIED



HOSPITAL & MEDICAL WASTE



MORTUARY WASTE



VETERINIARY MEDICAL WASTE



Waste Profile Sheet

- COMMERCIAL AND INDUSTRIAL ONSITE SYSTEMS

- Generator's certification
- Yearly renewal

FOR YOUR
PROTECTION



Waste Profile Sheet

WASTE PROFILE SHEET

(PLEASE PRINT IN INK OR TYPE)

A. Waste Generator Information

Generator Name: _____

Facility Street Address: _____

Facility Mailing Address: _____

Facility City: _____

Facility State and Zip: _____

Contact: _____

Phone: _____

Fax: _____

B. Waste Information

Does the system treat only waste from the restrooms or kitchen? _____

If No explain: _____

Do any floor drains discharge to system? _____

Does any process water from manufacturing discharge to the system? _____

If Yes explain: _____

Is there current analytical on manufacturing waters? _____

Please enclose copy

C. Generator's Certification (please check appropriate responses, sign, and date below)

Does this waste profile sheet and all attachments contain true and accurate descriptions of the waste material? YES ___ NO ___

Has all relevant information within the possession of the generator regarding known or suspected hazards pertaining to the waste been disclosed to ABC Septic Co..... YES ___ NO ___

Is the analytical data attached hereto derived from testing a representative sample in accordance with 40 CFR 261.20 (c) or equivalent rules? NA ___ YES ___ NO ___

Will all changes that occur in the character of the waste be identified by the generator and disclosed to ABC Septic Co. prior to providing the waste to the ABC Septic Co. YES ___ NO ___

Certification Signature: _____ **Title:** _____

Name (Type or Print): _____

Company Name: _____

Date: _____

TESTING RESULTS

- TESTING COMING BACK NON-DETECT
 - CONTAMINENTS VISIBLE BUT NOT DETECTED AS A HAZARD.
 - WASTE IS STILL NOT SEPTAGE
 - REQUIRES PROPER DISPOSAL AS A NON-HAZARDOUS WASTE

Non hazardous wastes from factories

- Can be disposed of at some local waste water treatment works with prior notice and approval



Non hazardous wastes from factories

- Can be disposed of at private facilities which are designed to accept these waste for separation or solidification



FEDERAL, STATE AND LOCAL

- When dealing with wastes other than septage, don't be afraid to consult with authorities.
- Federal rules are the guidelines – local authorities can be more stringent.
- Follow all applicable rules.

DISPOSAL

- FACILITY GENERATING WASTE IS RESPONSIBLE FOR PROPER DISPOSAL
- GENERATOR PAYS FOR TESTING APPROVAL PROCESS AND DISPOSAL
- HAULER CAN AND SHOULD HELP IN THIS PROCESS FOR APPROVAL
 - COLLECT SAMPLE, DELIVER TO LAB, ETC.

Disposal Records

- PROFILE SHEETS
- ANALYTICAL
 - Chain of Custody
- MANIFESTS

Meth Lab Waste

- Abnormal odors
- High Carbonaceous Biochemical Oxygen Demand (CBOD)
 - Waste can be ten times stronger than typical.
- Abnormally high or low pH values have also been associated with illegal dumping of meth lab wastes into septic tanks

Health precautions or guidelines related to meth lab wastes from onsite systems are handled differently state to state.

- Most commonly flushed or dumped chemicals are solvents.
 - Solvents would be diluted and not considered hazardous waste

**CONTACT YOUR LOCAL LAW
ENFORCEMENT AGENCY IF YOU
SUSPECT YOU MAY BE DEALING WITH
METH LAB WASTE.**

Final Thoughts.....

- It is not our responsibility as an industry to magically make generators wastes disappear.
- It is our responsibility to properly dispose of all wastes that we agree to transport.
- It is the generators responsibility to pay us for these services.