

D.8. Standard Operating Procedure (SOP) for “25% Rule” Form (1 page)



City of Tuscaloosa, AL

FOG Management Program:
6. SOP for “25% Rule” Form

25%

The purpose of this Standard Operating Procedure (SOP) is to ensure that inspections of grease traps/interceptors are completed and documented uniformly. The 25% Rule is a general rule to assess the proper maintenance and cleaning of grease removal facilities and not the sole determining factor of compliance.

This procedure shall be followed every time a grease trap is inspected.

Method:

To inspect a grease trap using a clear plastic tube and to document the results.

Tools and Equipment:

1. Facility specific equipment necessary to open a grease trap or a grease interceptor.
2. Safety equipment if necessary to redirect vehicles (cones, etc.)
3. Measuring device (such as DipStick-Pro® available through Environmental BioTec, 800-314-6263).
4. Cleaning materials (Earth Clean Technologies).

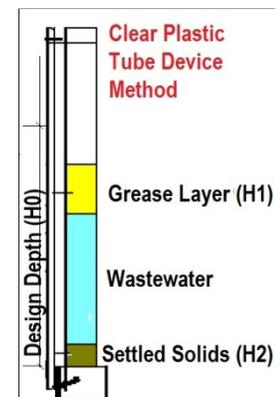
Preparation:

1. Locate and gain access to grease trap or grease interceptor.
2. Place safety equipment around the grease trap or interceptor as needed to prevent pedestrian or vehicular accidents during inspection.
3. Use appropriate tool to remove the grease trap lids or grease interceptor manhole covers.
4. Complete visual inspection of the condition of the device and record information on appropriate inspection form.

Procedures for Checking Grease & Solids Accumulation in a Grease Trap

1. Push the metal rod down so that the valve opens at the bottom of the plastic tube.
2. Slowly insert the plastic tube into the grease trap until it touches the bottom of the tank.
3. Pull up on the metal rod to close the valve and pull the tube out.
4. Measure the height of the grease layer (H1) and the settled solids (H2).
5. Record measurements on the Grease Trap Inspection Form.
6. Release contents back into grease trap by pushing down on metal rod.
7. Check the 25% rule: $H1 + H2 > 0.25 \times H0$

H0 is the design hydraulic depth (the depth from invert of outlet pipe to the bottom of tank).



I certify that I have read this SOP and understand the procedure for checking the grease trap/interceptor. I also understand that the 25% rule is only a best management practice and not the determining rule for GRD maintenance needs.

Employee Signature _____ Date: _____