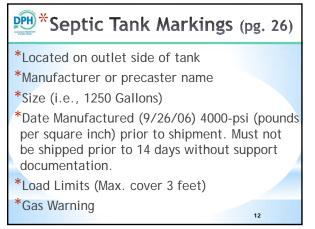




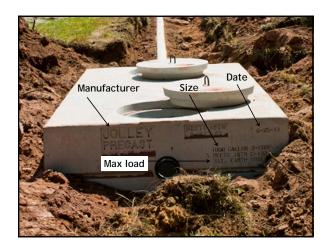
- *4000-psi (pounds per square inch) prior to shipment.
- *Must not be shipped prior to 14 days without support documentation.
- *Conform to ASTM C 1227 with a few exceptions noted.
- *Watertight tank seals required when specified.

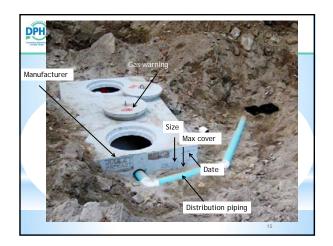


































DPH

*Setting a Septic Tank

The tank excavation is dug and elevations checked by the licensed installer prior to setting the septic tank.

Concrete tank

https://www.youtube.com/watch?v=RdsA_yqVBnI

Plastic tank

https://www.youtube.com/watch?v=jk41XZUfLXs



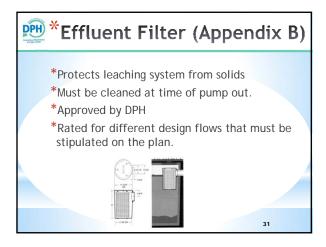
*Septic Tanks

- *Proprietary leaching system (manufactured leaching structures) companies should be consulted if a repair plan does not include replacing an existing single compartment septic tank.
- *Septic tanks shall have a minimum of 6 inches of cover (fill or soil over the top of the tank).
- *Watertight tank seal required if specified by plan designer.

28



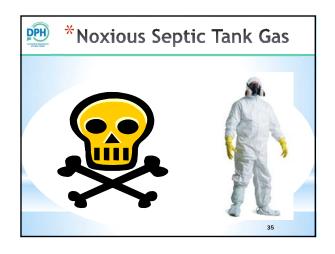


























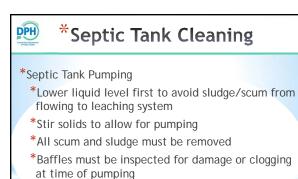


- *Recommended every 3 to 5 years or as often as necessary to prevent build-up of sludge, grease and scum
- *Purpose is to remove sludge, scum, and solids
- *Clean filter and inspect baffles
- *Tanks to be cleaned by Licensed Septic Pumpers or Installer

43







*Avoid damaging system and clean up spills

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- *Septic Tank Cleaning
 - *Backflow (liquid flowing back into the septic tank from the leaching structures) conditions at time of tank pump-out under normal use conditions represent a "malfunctioning" condition.
 - *Recommend further system assessment by PE or installer.
 - * "Failed" systems discharge effluent to ground surface or otherwise cause health hazards or nuisance conditions.

*Tank Cleaning

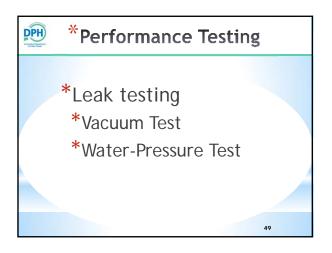
Why septic tanks need to be maintained:

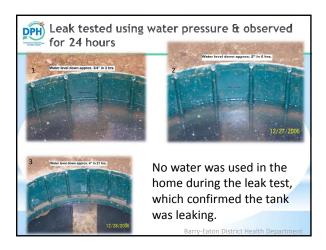
https://www.youtube.com/watch?v=MVx9WWSUvHw

How a septic tank is pumped?

https://www.youtube.com/watch?v=G5H07kPyQ4E

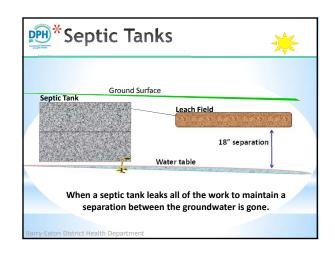
17







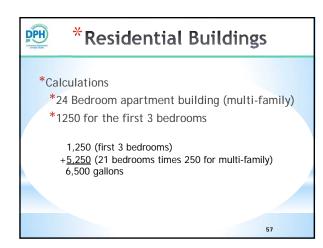






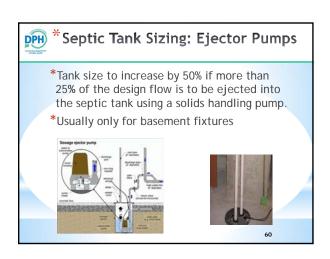
















- with a design flow of 500 GPD or more.
- *A grease interceptor tank is a receptacle that kitchen wastewater flows through before entering the sanitary sewer lines or SSDS.
 - *DEEP Fats, Oils and Grease (FOG) General Permit



- *FOG is 10 to 15 percent less dense that water and won't mix (unless higher temperature)
- *FOG floats on top of water.
- *FOG fills the tank from the top down.
- *"Clean" water is pushed out the baffle at the bottom of the tank and into the sewer line.
- *The wastewater leaving the grease interceptor tank is directed to the septic tank.

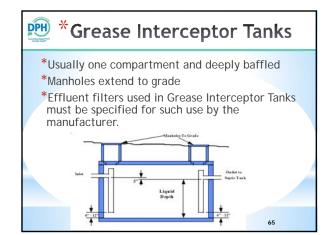
63

*Grease Interceptor Tanks

- *Helps prevents grease from clogging the septic tank, piping and leaching system.
- *Allows grease to cool and solidify.
- *Receive only kitchen wastewater
- *Restroom wastewater is directed to the septic tank

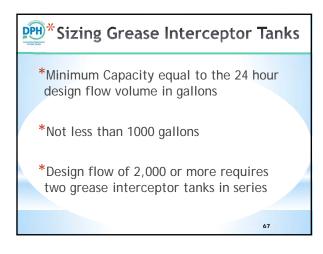


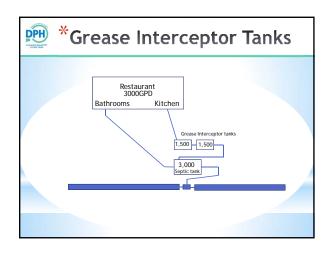


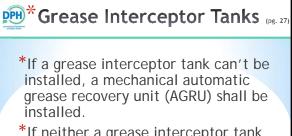


Grease Interceptor Tanks

- Tank covers should be kept on the tank when riser assemblies are utilized.
- If the tank cover is removed and the riser cover weighs less than 59 pounds, a secondary safety lid or device (SSL) must be provided below the riser cover.
- DPH recommends SSL even with riser lids weighing more than 59lbs.







*If neither a grease interceptor tank nor an AGRU can be installed, the septic tank size shall be increased by 50%.

69





