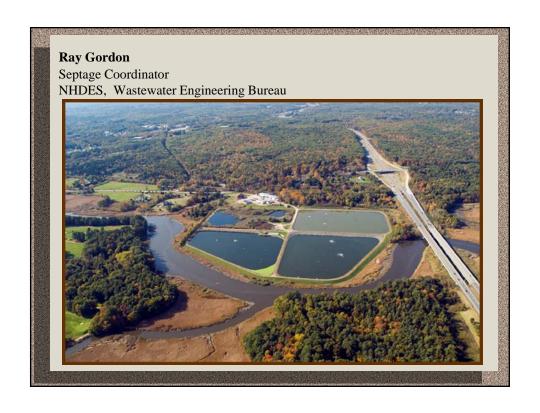
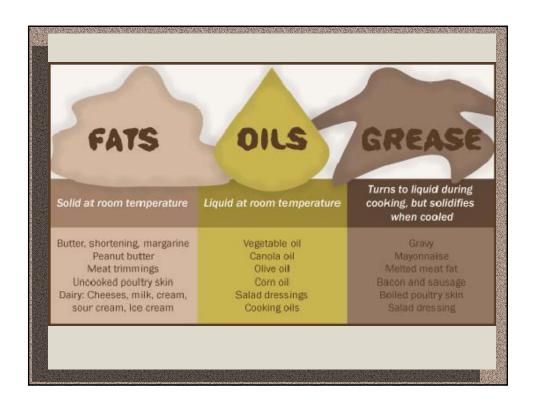
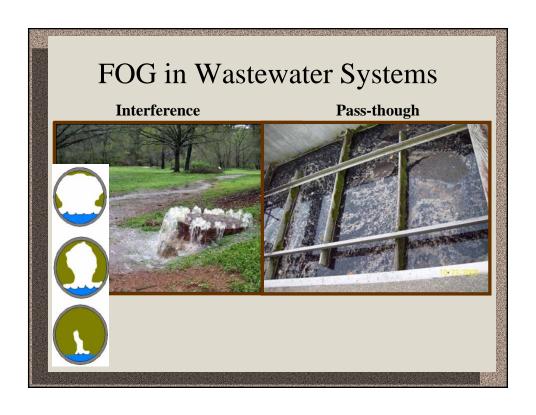
Grease Traps and Interceptors: Matters of Design, Installation and Maintenance

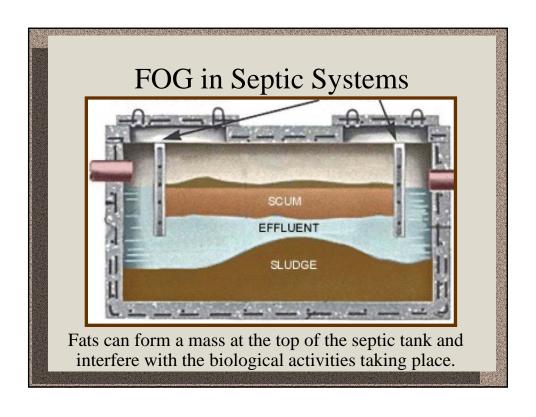


March 14th, 2016 29TH ANNUAL GSDI SPRING SEPTIC SYSTEM CONFERENCE & EXPO





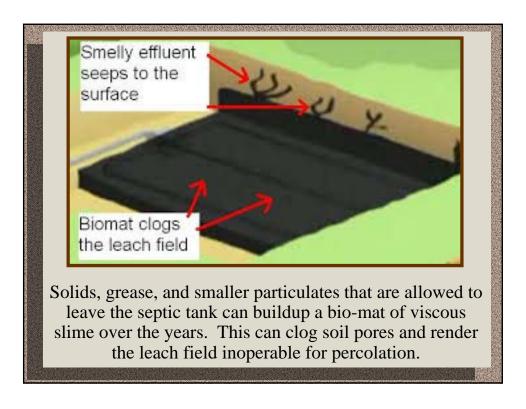


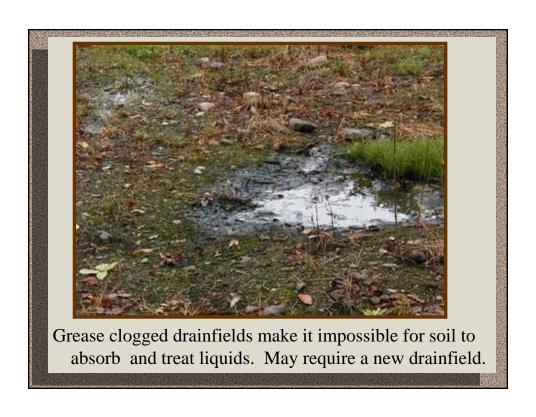


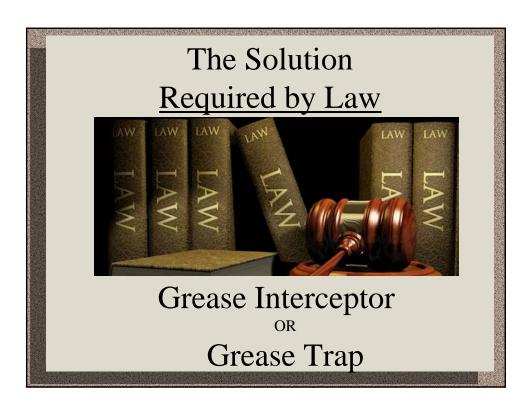




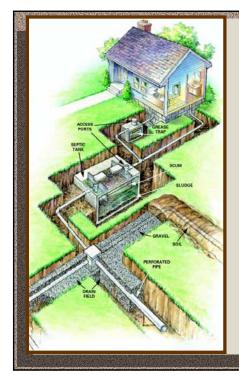








Regulations International Plumbing Code for NH If on Septic System NH - Env-Wq 1000 Rules Local Sewer Use Ordinance - Sewer



NH DES – Subsurface Rules

• ENV-Wq1000 – Subdivision and Individual Sewage Disposal Systems Design (ISDS)

Applies when not on a public system



NH DES – Subsurface Rules



Grease Trap Definition

 A tank or series of tanks into which wastewater that contains grease is discharged, where grease floats to the water's surface and is retained while water below is discharged.

Note: Not consistent with State Plumbing Code "Grease Interceptor"







NH DES – Subsurface Rules

Env-Wq 1012 GREASE TRAPS ...

- Env-Wq 1012.01 Grease Traps Required. A grease trap shall be used in the ISDS serving:
- (a) Any commercial facility in which any food handling and preparation occurs; and
- (b) Any dwelling where food handling and preparation is undertaken for any business purpose.

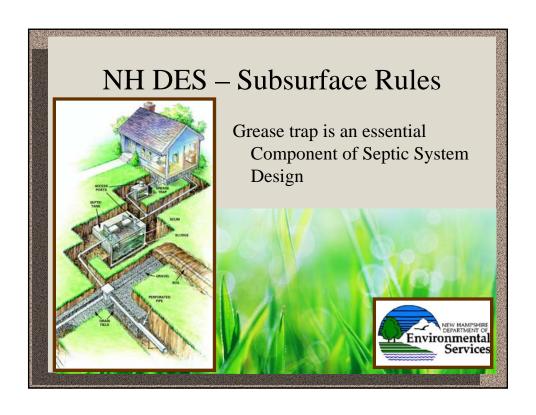


NH DES -Subsurface Rules

Env-Wq 1012.02 Grease Trap Size.

- The grease trap size shall be based on a minimum hydraulic detention time of **36 hours**; and
- Minimum tank size of **1,000 gallons**.
- The outlet shall be protected with a baffle that extends downward and terminates **6 inches** from the inside bottom of the grease trap.







Proposed Grease Trap Rules

- Neighboring States
- ASTM C1613-10
- Plumbing Codes
 - International
 - Uniform
- NPCA
- Inspectors



Proposed Rules

Env-Wq 1000 Subdivisions; Individual Sewage Disposal Systems



DEADLINE FOR FILING

- WRITTEN COMMENT: Friday, March 25, 2016 (4:00 PM)
- CONTACT: Rob Tardif
 (Robert.Tardif@des.nh.gov),
 CE V, SSB

NH DES -Subsurface Rules

Env-Wq 1012.02 Grease Trap Size.

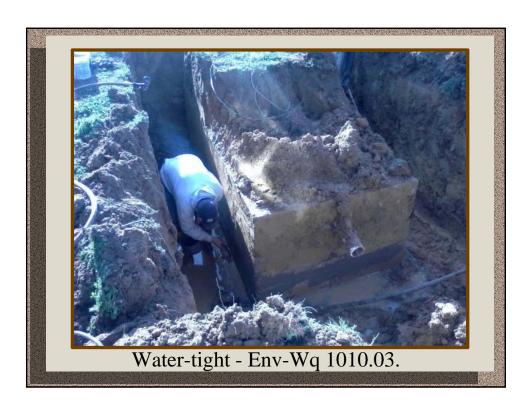
- The grease trap size shall be based on a minimum hydraulic detention time of 36 hours; and
- Minimum tank size of 1,000 gallons.
- The outlet shall be protected with a baffle that extends downward and terminates 6 to 12 inches from the inside bottom of the grease trap.



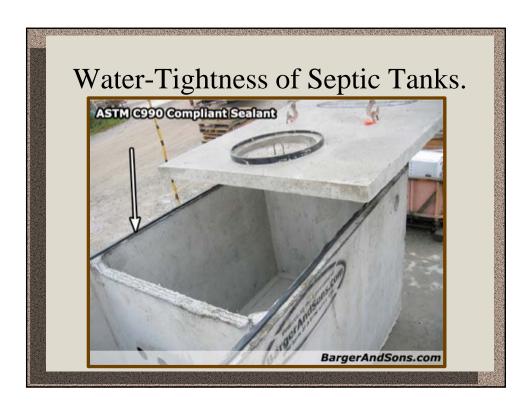
• 1000 gallon interceptor is approximately 8'x 4'x 4'

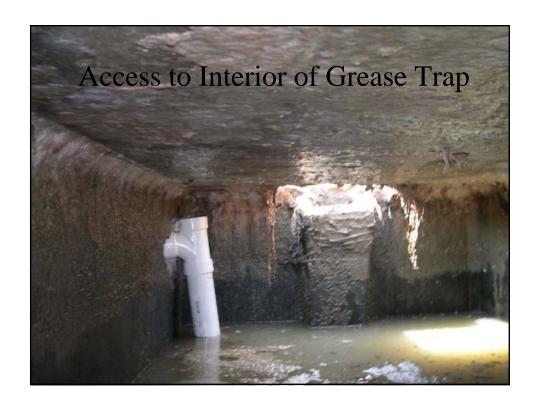
Coloration

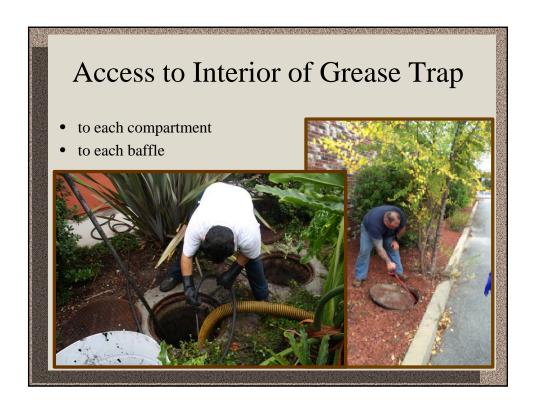
**Color





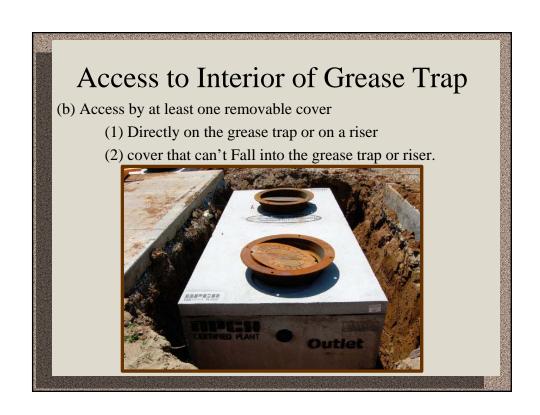






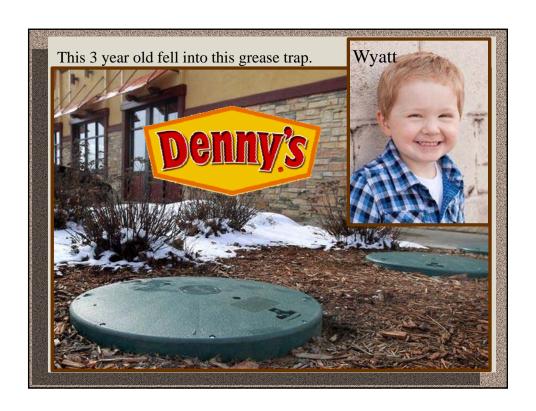








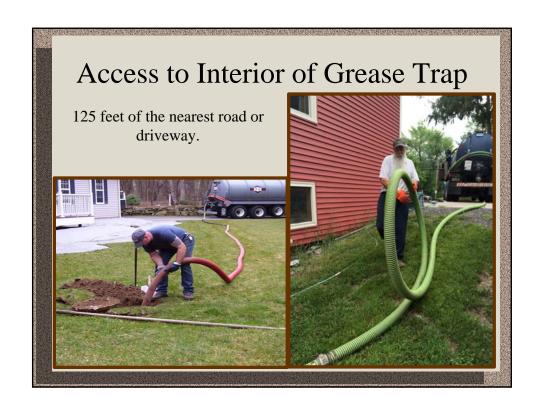




Access to Interior of Grease Trap



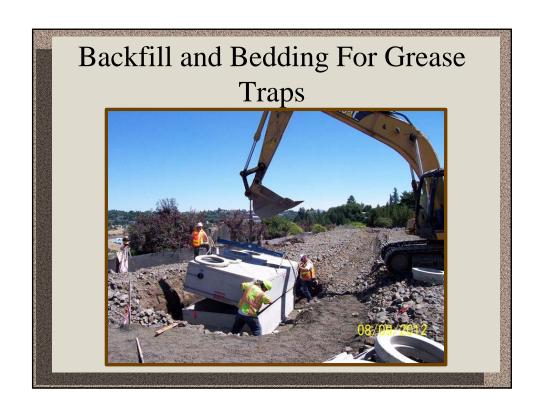
Bottom of the grease trap shall not be more than 15 feet below the grade of the area where the grease pumping truck will park when the grease trap needs to be pumped out

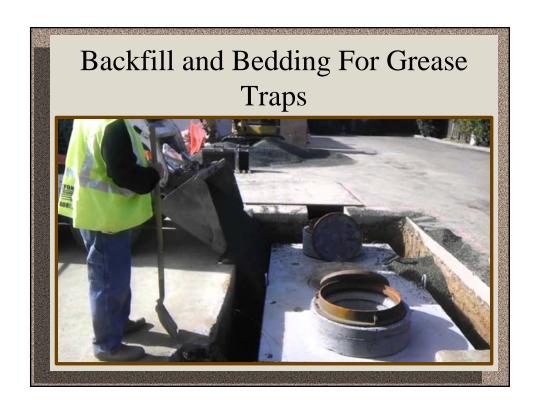


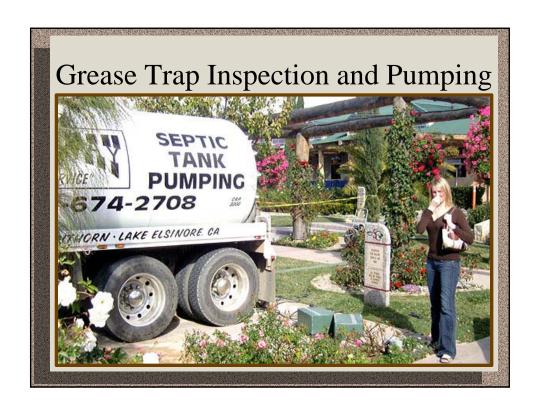






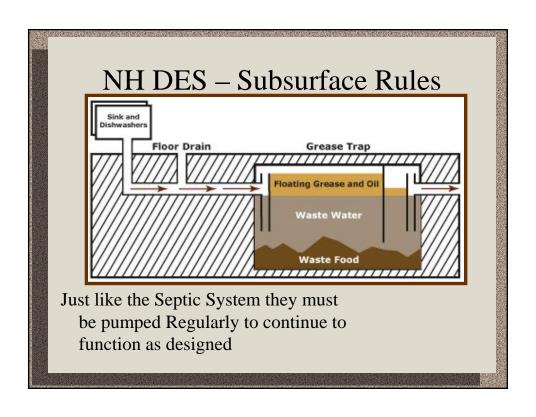




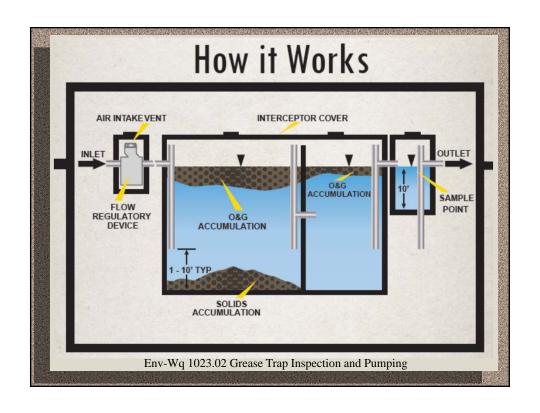


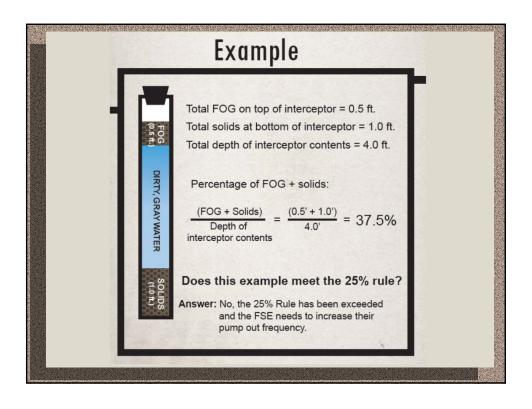


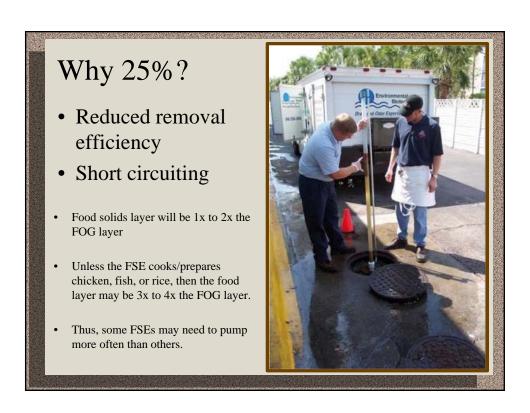




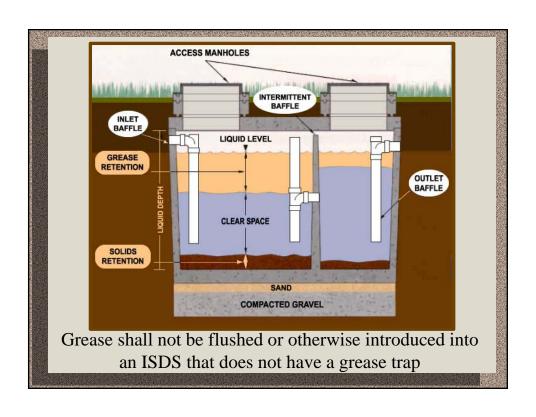












Proposed Rules

Env-Wq 1000 Subdivisions; Individual Sewage Disposal Systems



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