





Market Treatment

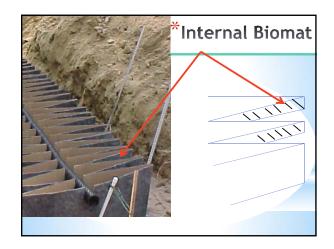
- *Aerobic processes use bacteria that require oxygen to break down the waste.
- *In traditional septic systems, once wastewater leaves the septic tank, it flows to the leach field where oxygen-loving bacteria work.
- *A layer of biological slime (Biomat) is formed on the bottom and sides of the leaching trench/structure at the soil interface.
- *Internal biomat forms for products specifically designed to facilitate vertical growth.

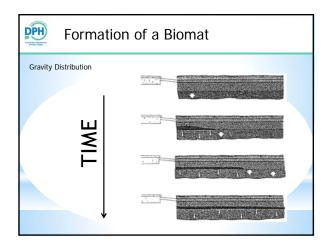
PH* How does a leaching system work?

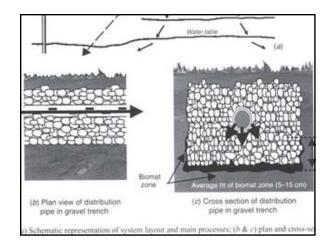
*The biomat is composed of anaerobic microorganisms (and their by-products) that anchor themselves to soil and rock particles. Their food is the organic matter in the septic tank effluent.

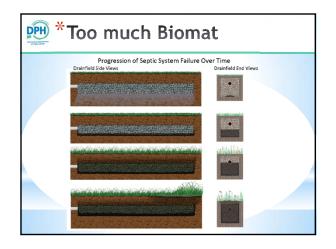
*Biomat:

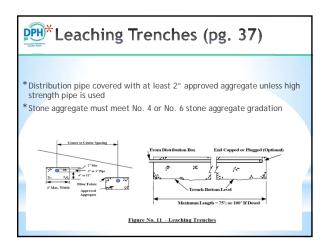
- *Reduces solids and pathogens.
- *Reduces the rate sewage effluent moves into the soil.





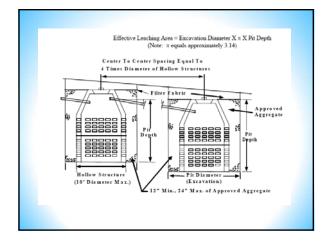


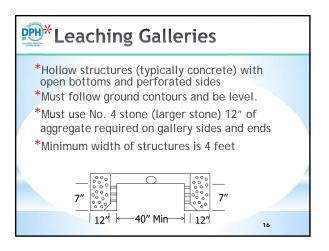


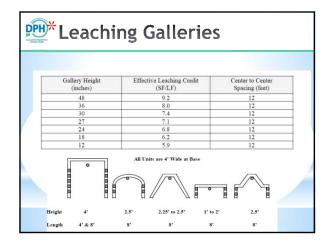






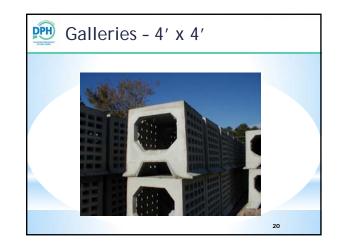








































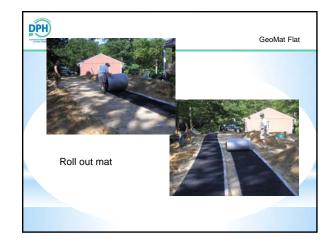






















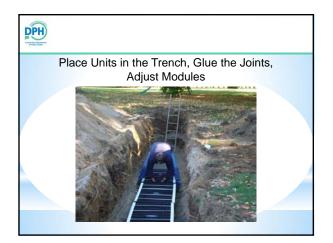




















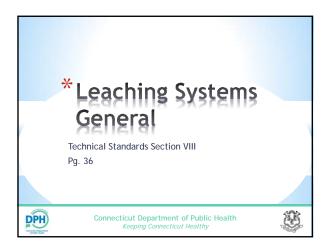


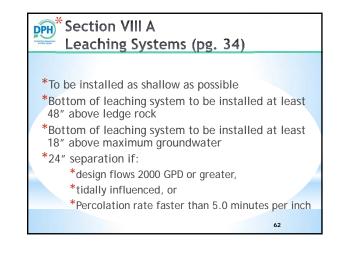


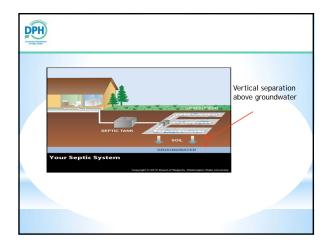


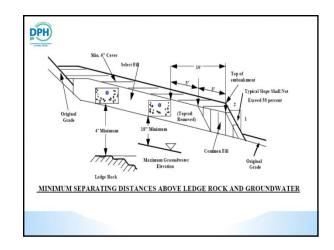


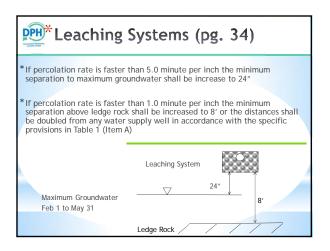


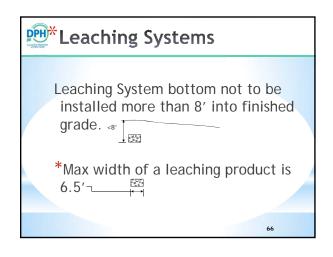


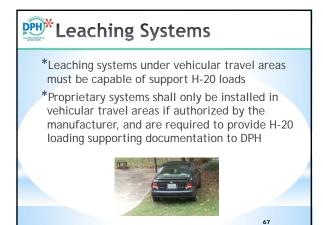


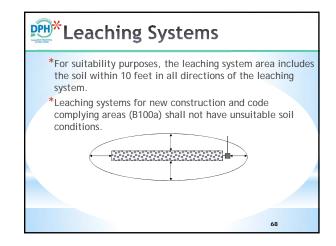


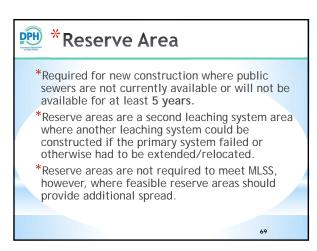














- *Reserve area preparation required for multi-family and commercial buildings that are located under paved asphalt or poured concrete vehicular travel areas only.
- *Reserve areas are not required for outbuildings with design flows of 150 GPD or less on single-family residential building lots.



Leaching System: Grading

- *Entire system area must be graded & maintained to lead surface water away from area
- *The licensed installer is responsible to provide erosion & sedimentation controls (i.e., grass seeded/covered with hay)
- *The entire subsurface sewage disposal system must be protected from erosion not just leaching system



















*No metal pipe (cast or ductile iron) shall be used after the septic tank *Only non-corrosive pipe (plastic) approved distribution pipe is listed in Table 2-A can be used *Thin wall 4-inch pipe must be bedded in stone







