

Harding Township Health Department

The importance of waste water disposal in lake communities or



Click Here to upgrade to

Feeding of Your Septic





ost important factors in ported Features in ining the value of real estate:

1. Location

2. Location

3. Location



4. Water

5. Water

6. Water



Your complimentary use period has ended. Thank you for using PDF Complete.

Click Here to upgrade to Unlimited Pages and Expanded Features









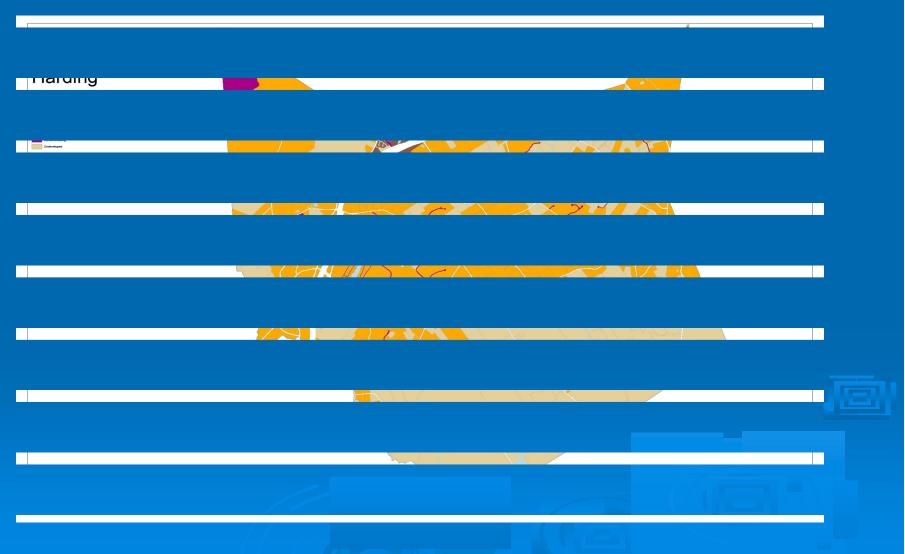




Your complimentary use period has ended. Thank you for using PDF Complete.

Click Here to upgrade to Unlimited Pages and Expanded Features

wer Service Area



June 21, 2012

Click Here to upgrade to

vvaste water disposal

Woodland **Treatment Plant** (Florence Ave)



To see all the details that are visible on the screen, use the "Print" link next to the map.

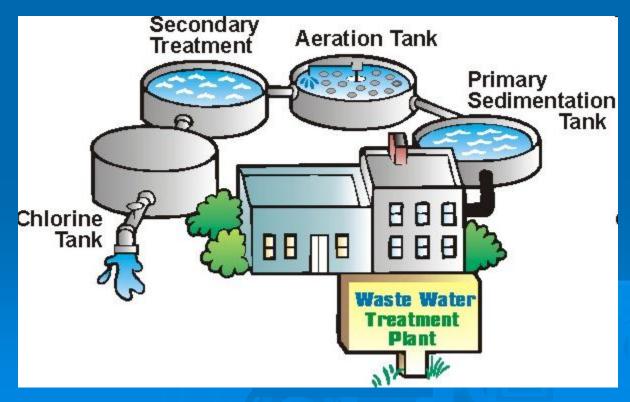




Click Here to upgrade to

vvaste water disposal

Publically Owned Treatment Works (POTW) Sewage Treatment Plant



Unlimited Pages and Expanded Features

ralized vs. On-site

- > Centralized:
 - Monitored
 - Managed
 - Versatile
 - Concentrated
 - Expensive

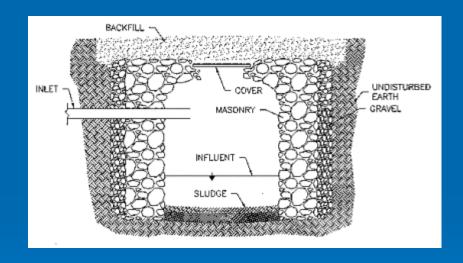
- > On-site
 - Not monitored
 - Not managed
 - Restricted
 - Re-generates groundwater!



Click Here to upgrade to

Convernion on al On-site Disposal

Cesspools



Unlimited Pages and Expanded Features

onal On-site Disposal

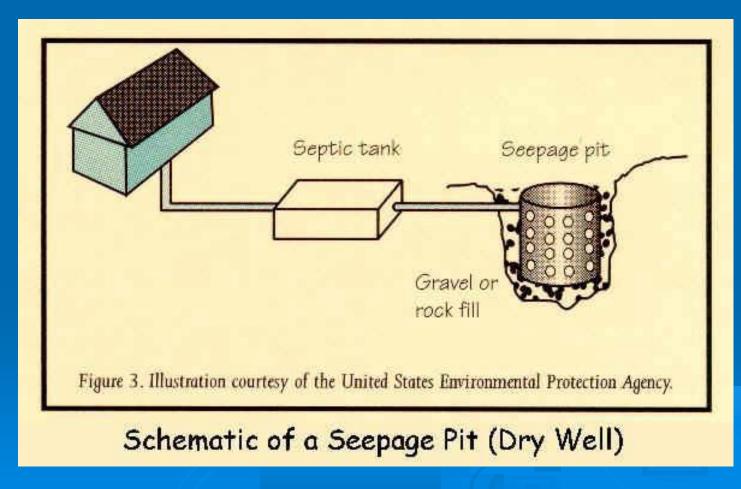
Cesspools

New Rules (NJAC 7:9A-3.16)

Effective April 9, 2012

Upon transfer of property served by a cesspool a new compliant septic system must be installed.

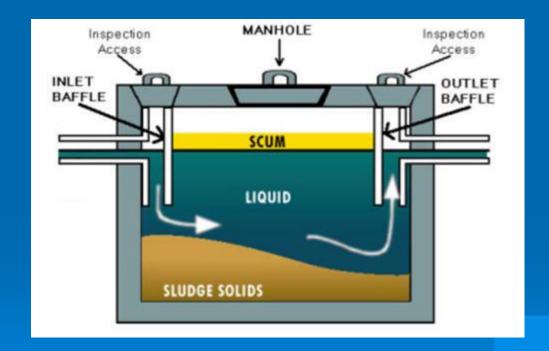
Seepage Pit





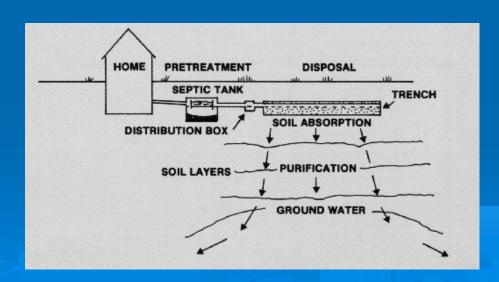
ional On-site Treatment and Disposal

Septic Tank(s)



ional On-site Treatment and Disposal

- Septic Tank(s)
- > (Pump Pit) . maybe
- Disposal Area . gravity or pressure
 - Beds
 - Trenches
 - Infiltrators





ional On-site Treatment and Disposal

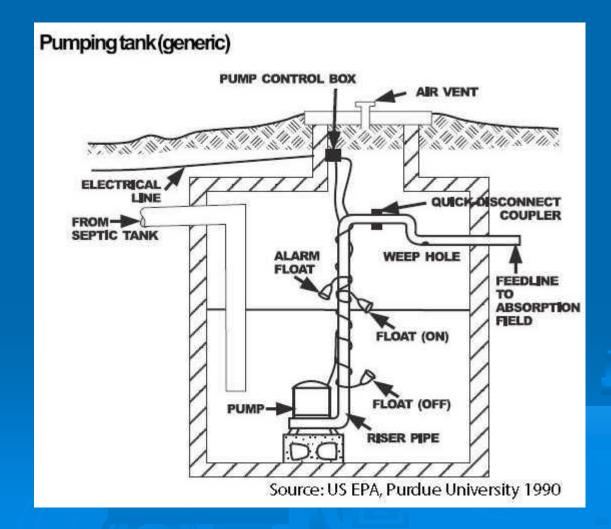
Septic Tank(s)





ional On-site Treatment and Disposal

> Pump Pit





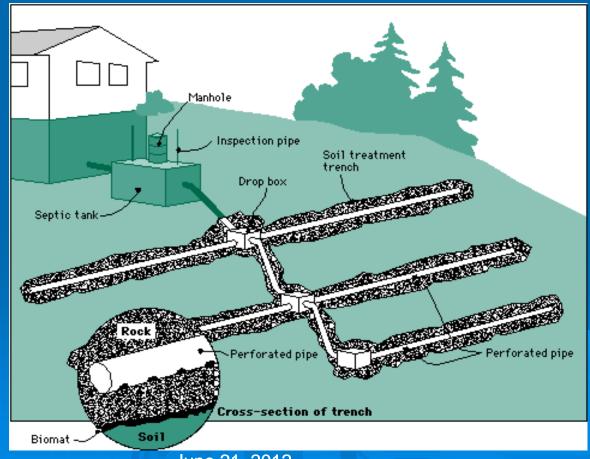
ional On-site Treatment and Disposal

Disposal Area



ional On-site Treatment and Disposal

> Trenches





ional On-site Treatment and Disposal

Disposal Area . Infiltrators

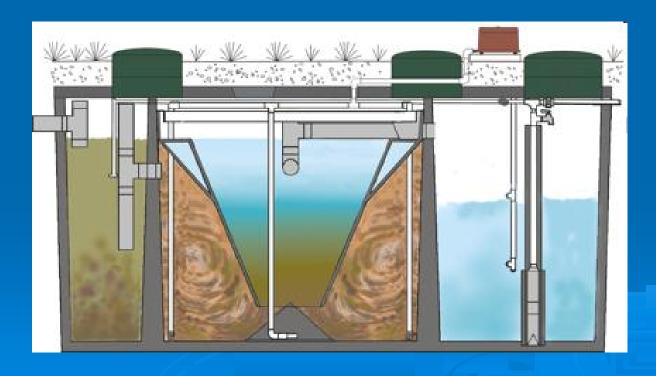




Treatment and Disposal

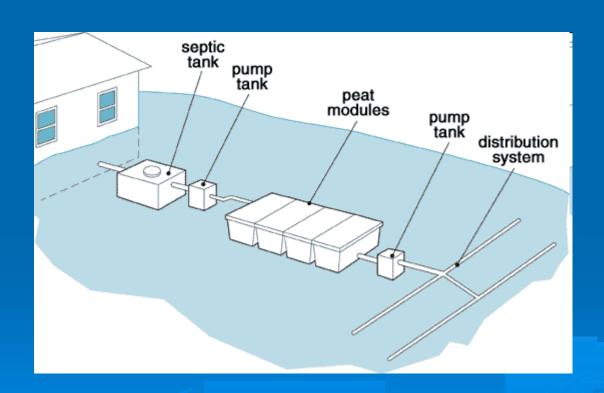
Aerobic Treatment Tank

(Hoot System or EcoPod)





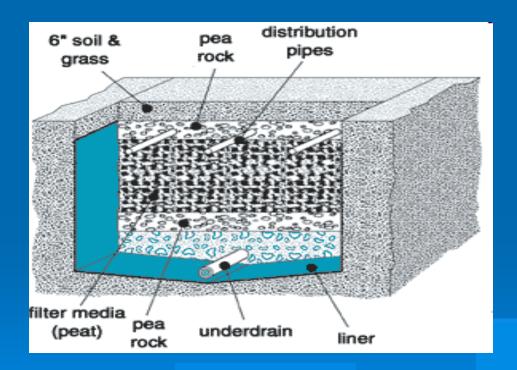
Treatment and Disposal Peat System





Treatment and Disposal

Peat System

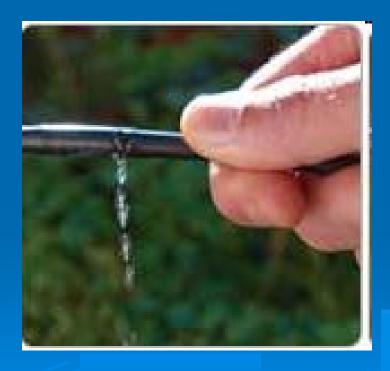




Your complimentary use period has ended. Thank you for using PDF Complete.

Click Here to upgrade to Unlimited Pages and Expanded Features

Treatment and Disposal





Treatment and Disposal





Treatment and Disposal



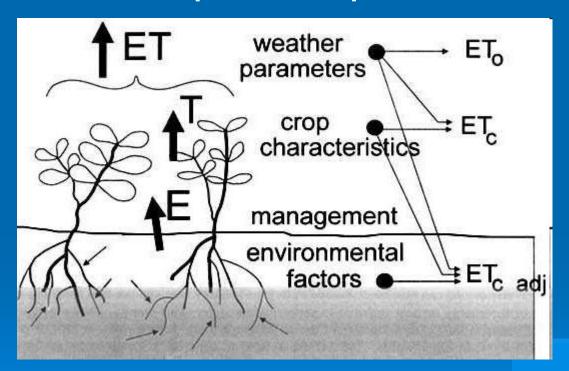


Treatment and Disposal



Treatment and Disposal

Evapo-transpiration



Land Use

- Environmental limitations waste water disposal systems
- Depth to bedrock
- Depth to groundwater
- Proximity to wetlands and surface water
- Steep Slopes



Land Use

Distance to Structures

NJ Code v. Harding Code

Size of Components

twice the tank volume
disposal field: 25% larger
reserve disposal field required



Land Use

Nitrate Dilution

Household effluent contains 10 to 20 mg/l NO₃ below the level of infiltration

Target value is 2.0 mg/l in the groundwater (DWL is 10 mg/l)

Septic density based on the amount of space needed to provide dilution to target value.







Size of System

Unlimited Pages and Expanded Features

- > Commercial . based on code
- > Residential . based on bedrooms
 - 1st Bedroom . 200 gallons
 - Each additional bedroom . 150 gallons
- > Minimum 250 gallons
- Maximum . 2000 gallons



Click Here to upgrade to

vvnates and Expanded Features vvnates a bedroom?



Unlimited Pages and Expanded Features

hat is a bedroom?

- A: % any room...which may be reasonably be expected to serve primarily as a bedroomo (NJAC 7:9A-2.1)
- A: a room with privacy, two means of egress and access to a full bathroom.

Care and Feeding

- Nothing goes into the system that hasnq gone through you first.
 - No kitty litter
 - No plastic
 - No chemicals
 - No disposable diapers
 - No coffee grounds
 - No cigarette butts
 - No need for septic tank additives

Unlimited Pages and Expanded Features

Care and Feeding

- > Maintenance
 - Scheduled pump outs
 - Q: How often? A: Depends . 3 to 5 yrs.
 - Keep disposal area clear of trees & structures
 - Service contracts on alternative designs

beptic Inspections

- Not just for house sales anymore.
 - Part of routine maintenance

- > For house sales
 - Appendix E % ystem Inspection Protocol+
 - Describes procedure
 - Requires copy sent to health department
 - Inspector cannot say system is malfunctioning+ mailing+or mon-compliant+

Your complimentary use period has ended. Thank you for using PDF Complete.

Click Here to upgrade to Unlimited Pages and Expanded Features

Questions???



