

**Septic System  
Maintenance  
Galien River Watershed  
Implementation Project  
August 3, 2011**

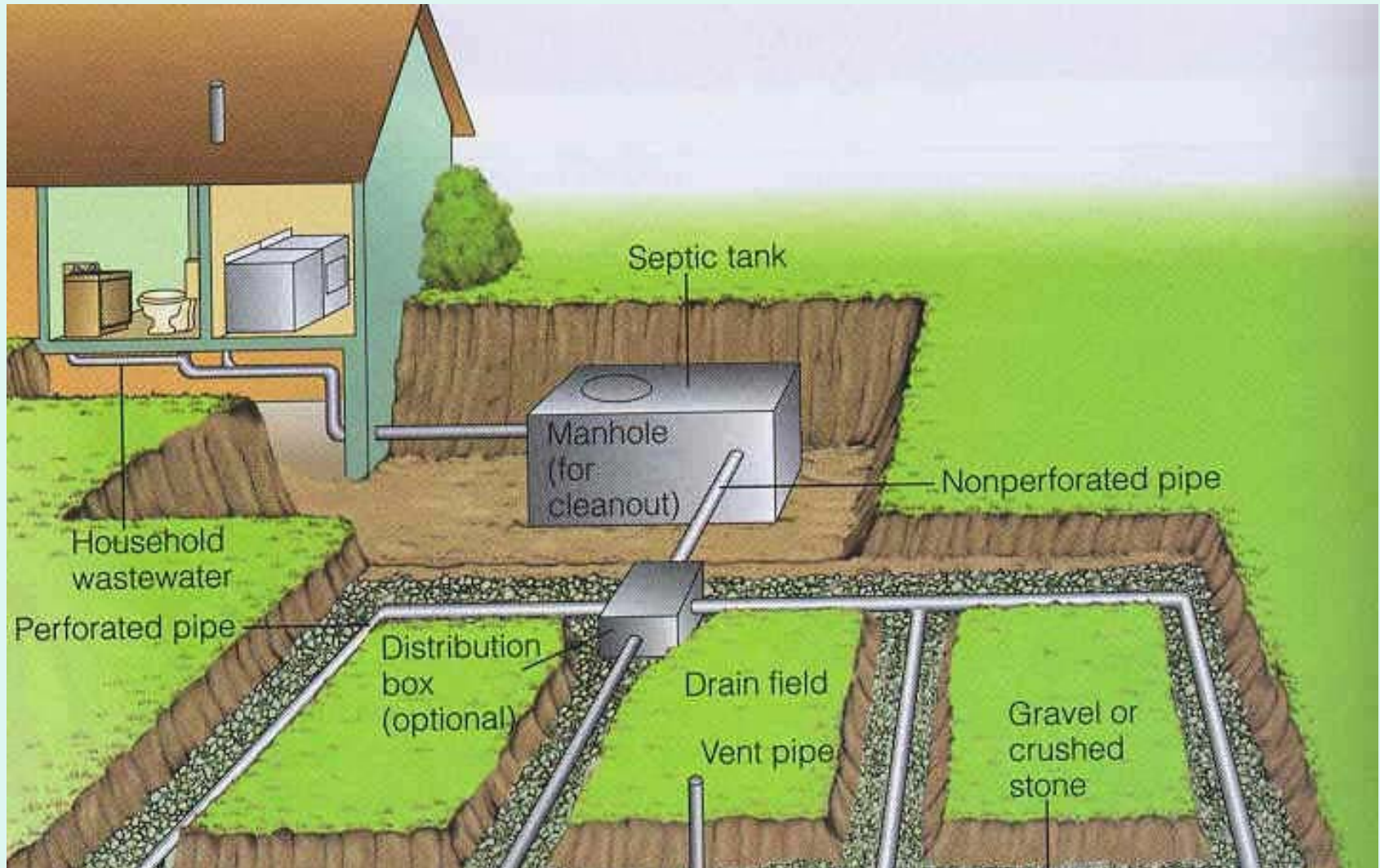
Ken Priest

Supervising Sanitarian

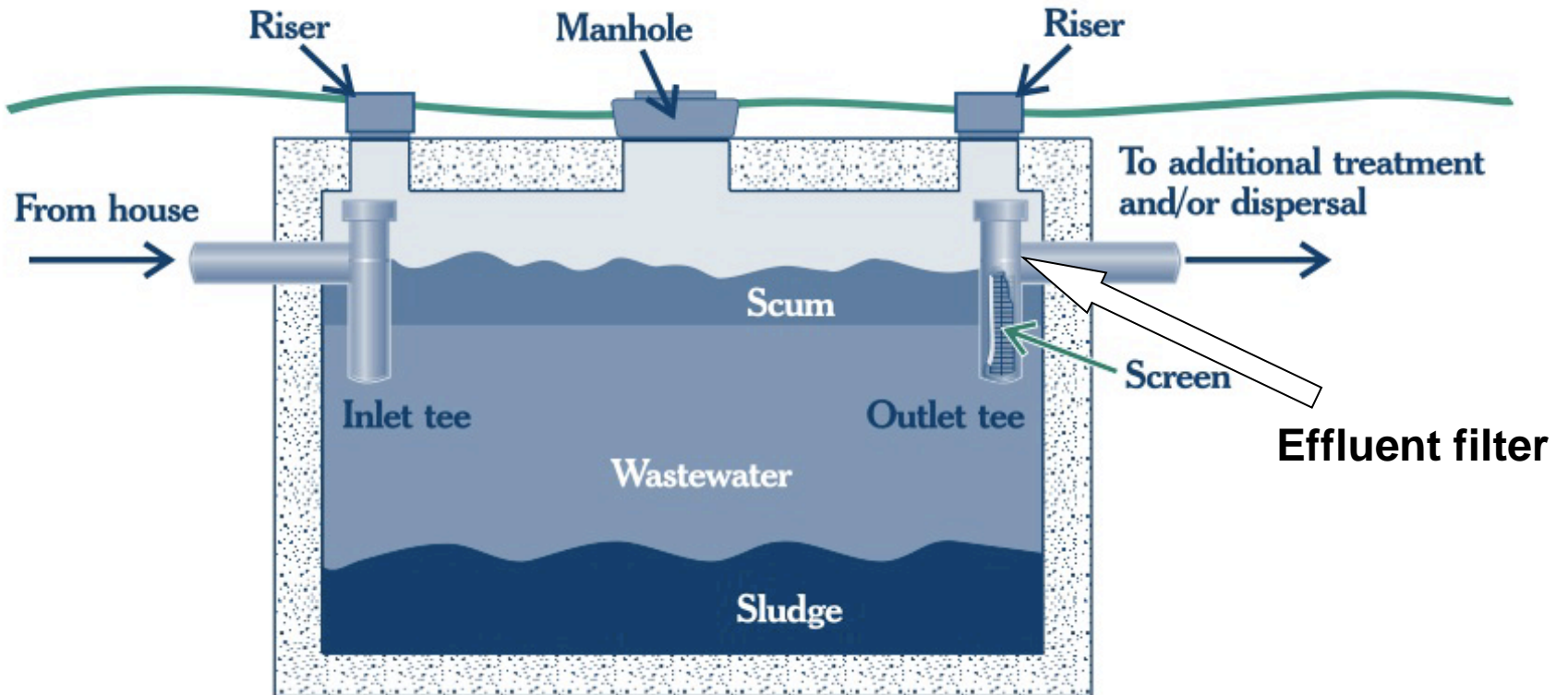
Berrien County Health Department



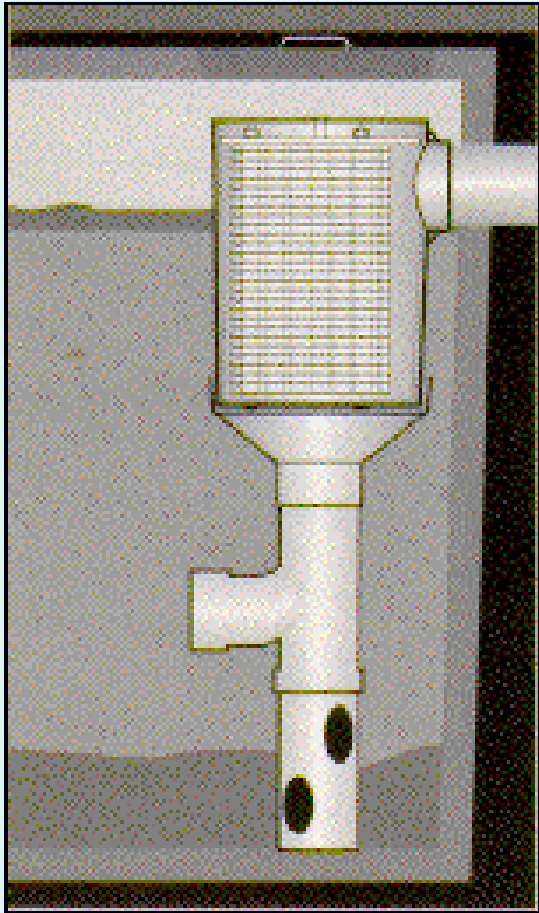
# How a Septic System Works



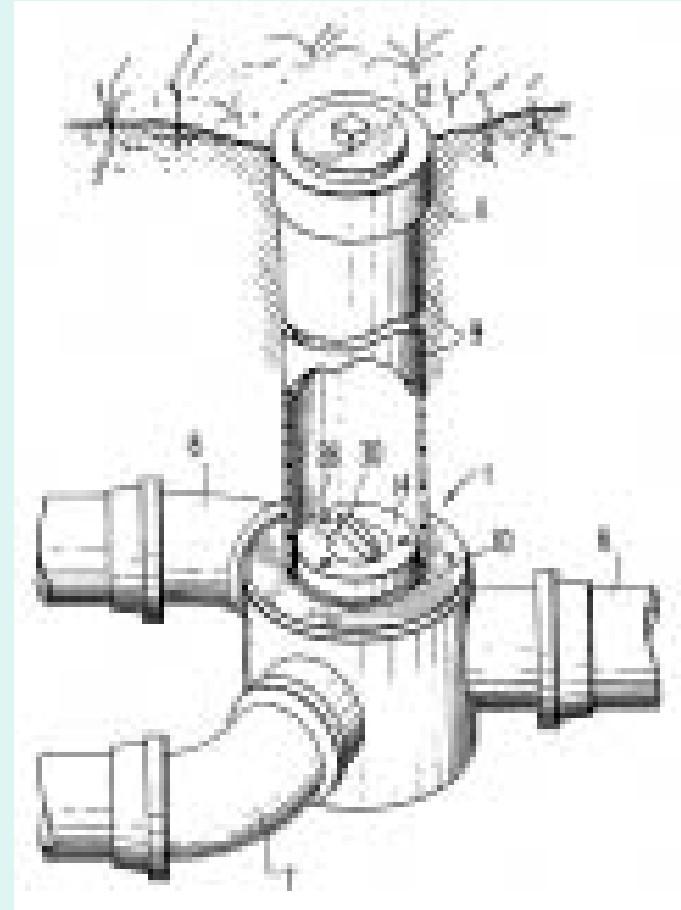
# Typical Septic Tank



# Types of Effluent Filters



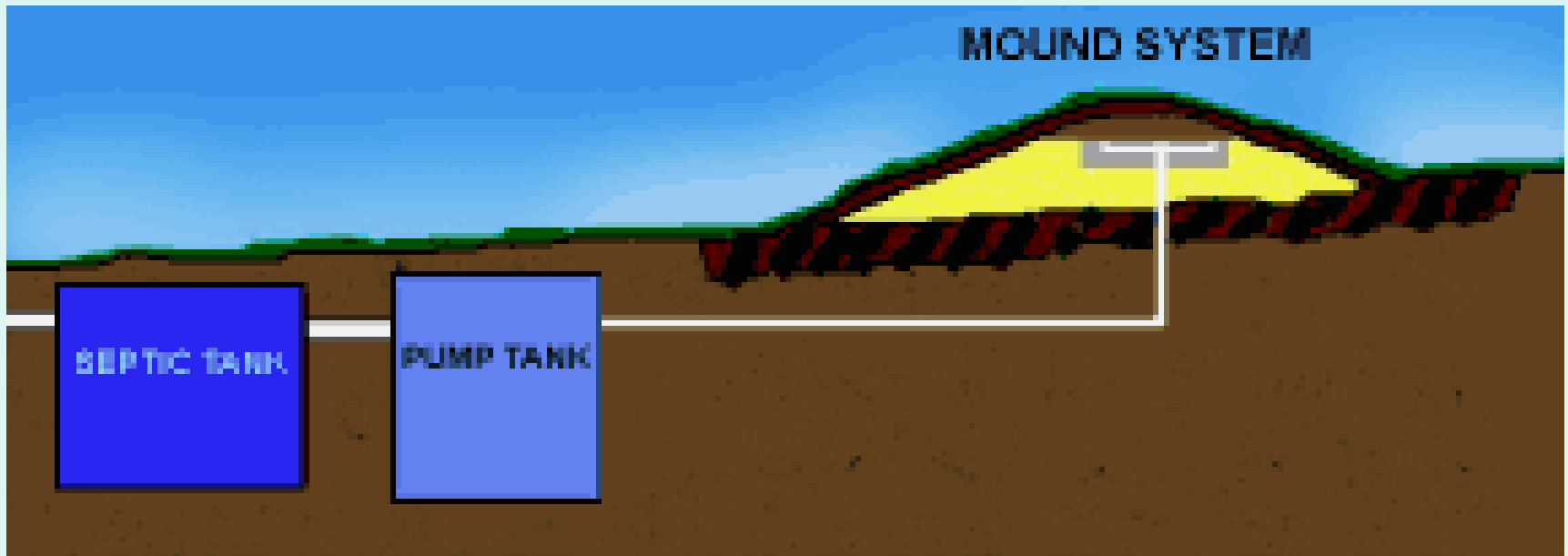
# Alternating Valves



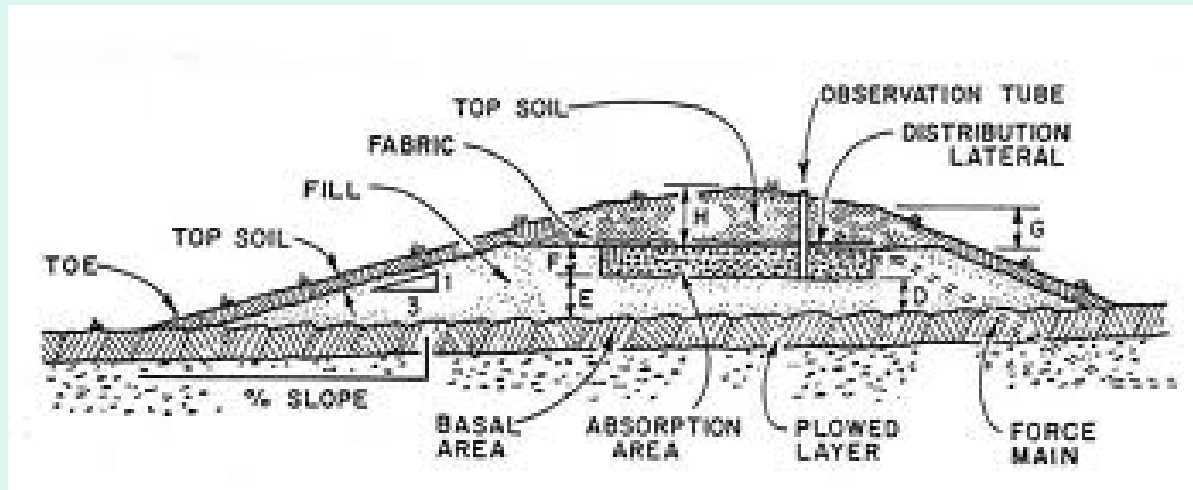
# Drain Bed and Drain Field



# Mound System

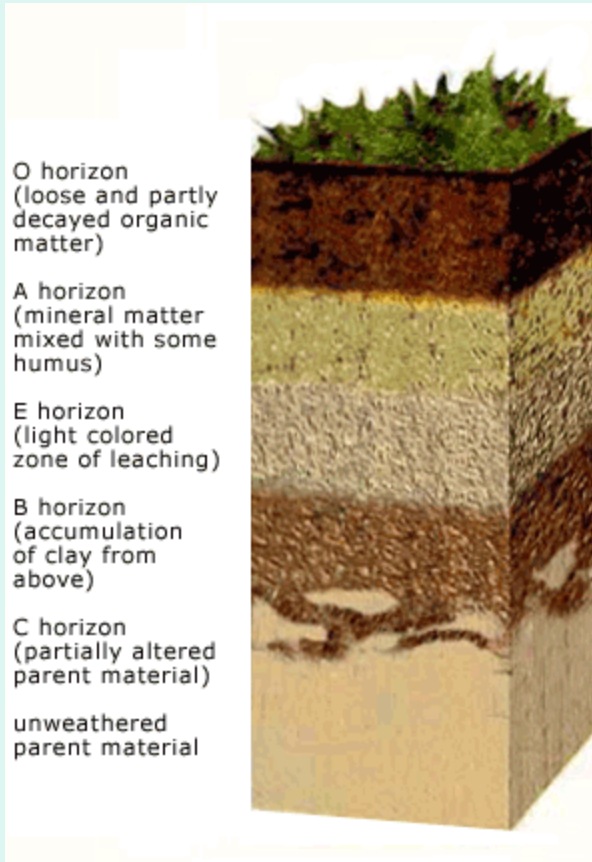


# Mound System

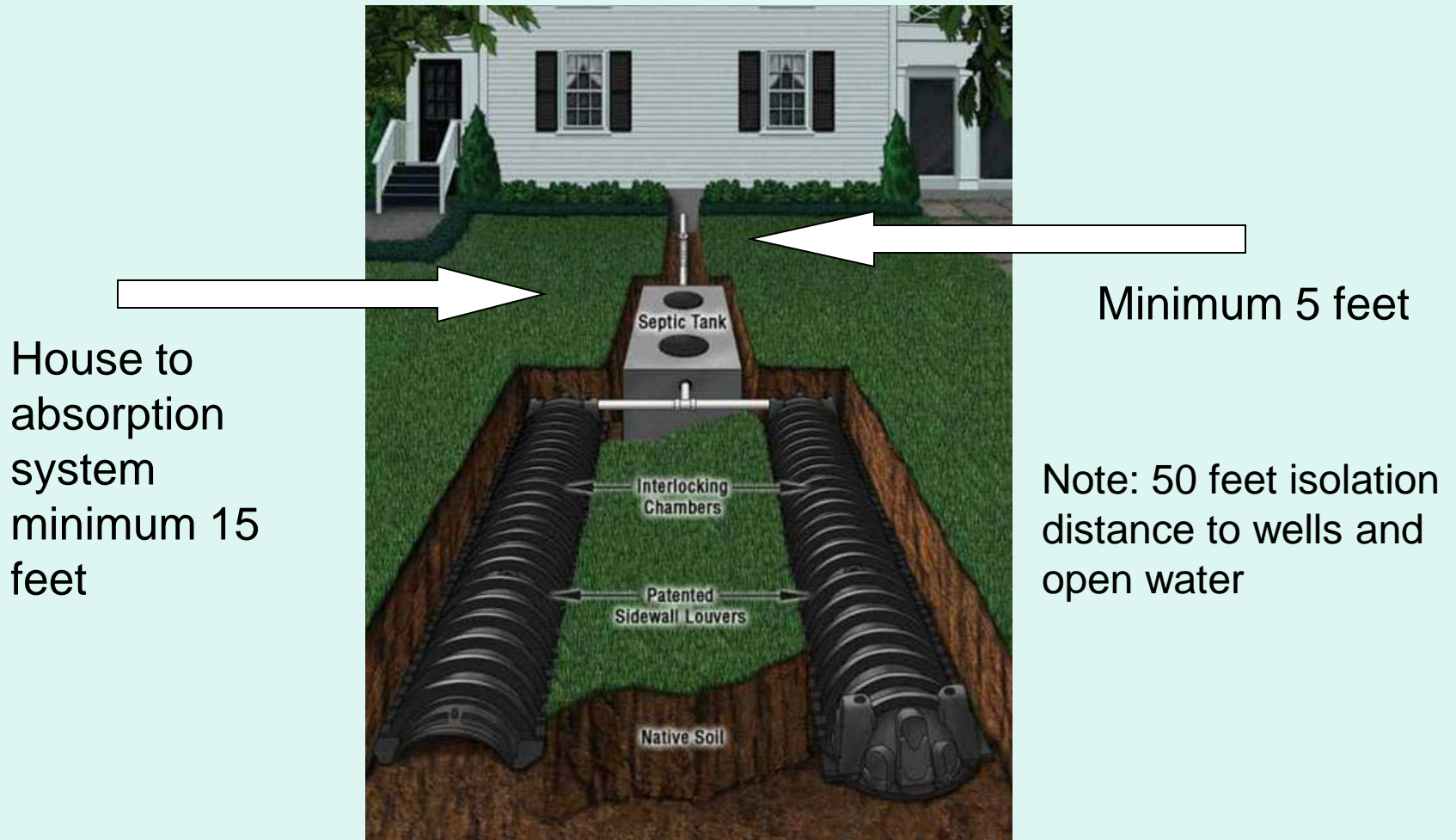




# Soil Profiles



# Isolation Distance



House to  
absorption  
system  
minimum 15  
feet

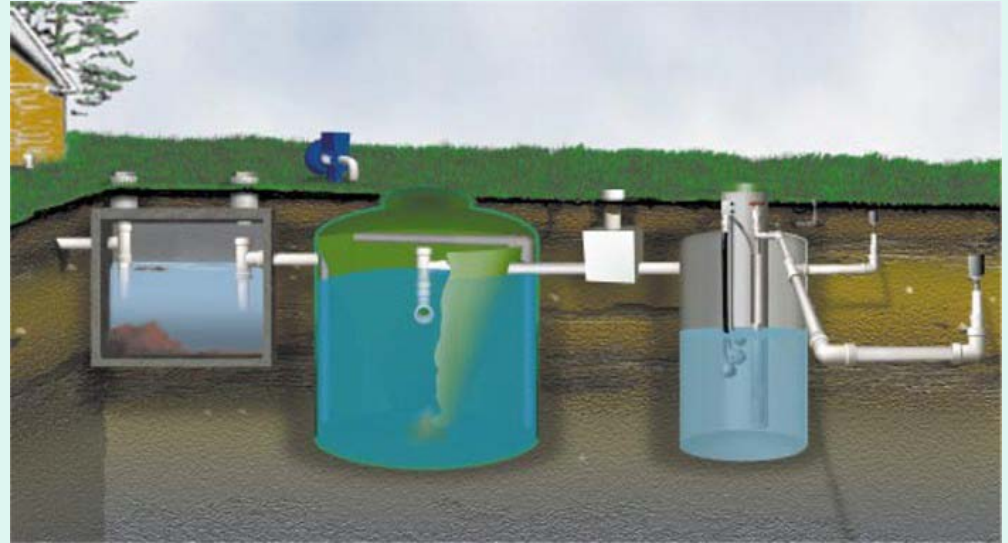
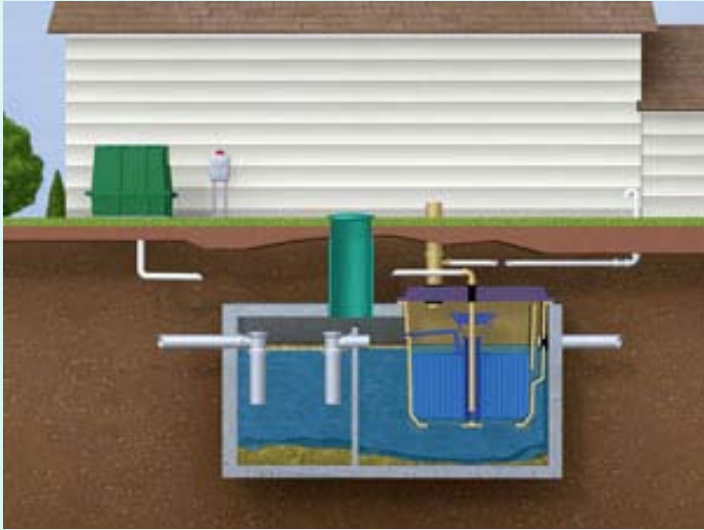
Minimum 5 feet

Note: 50 feet isolation  
distance to wells and  
open water

# Subdivisions and Site Condominiums



# Alternative Systems: Aerobic Treatment

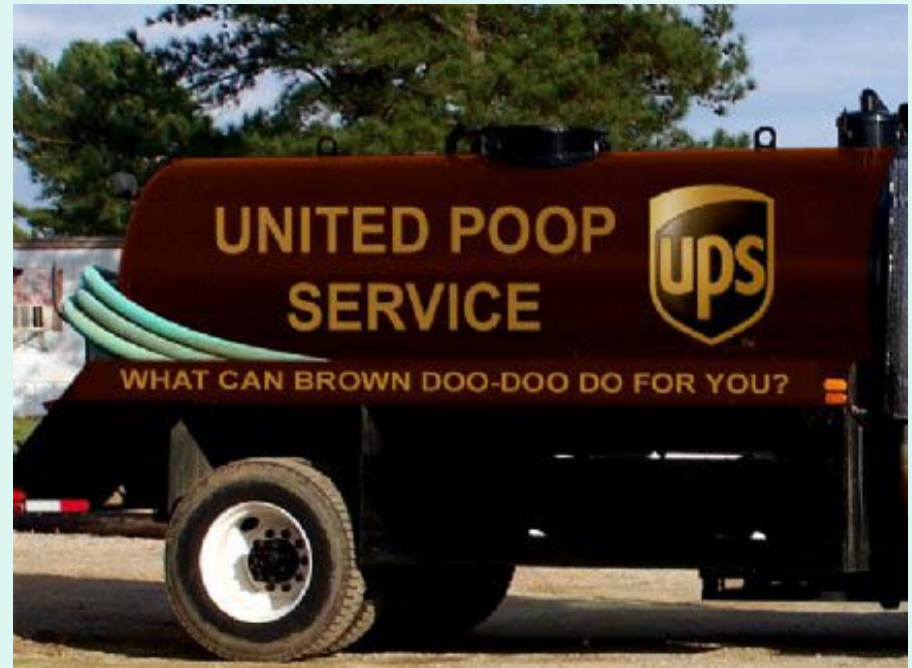
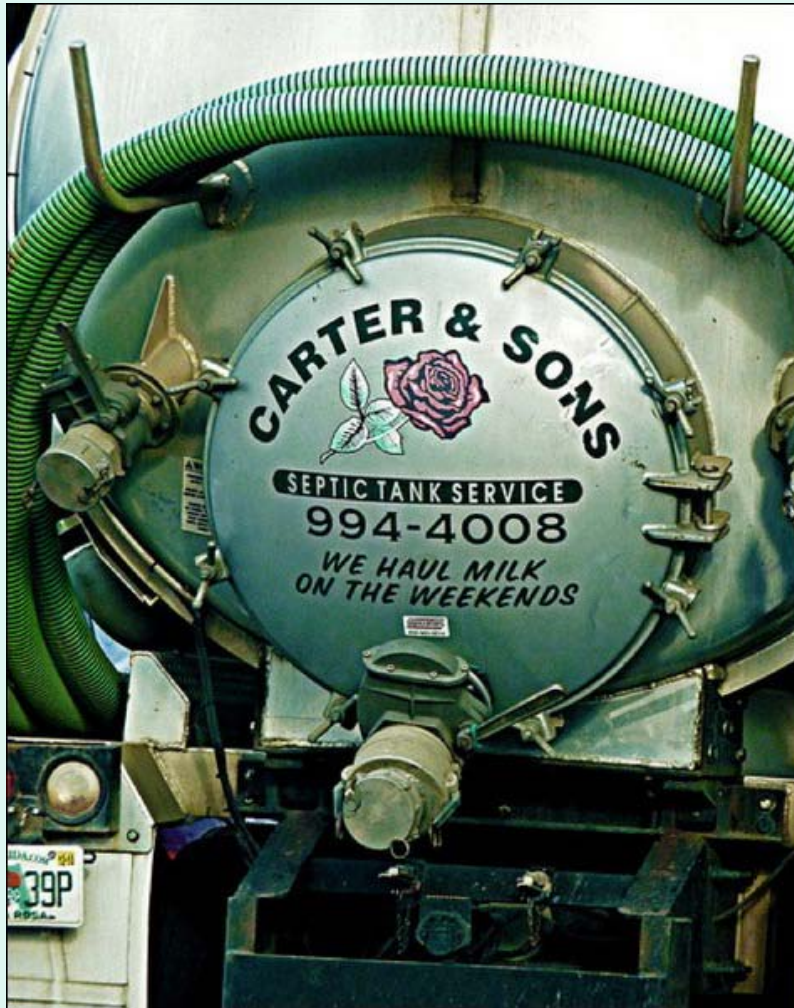


Nitrogen Reduction System

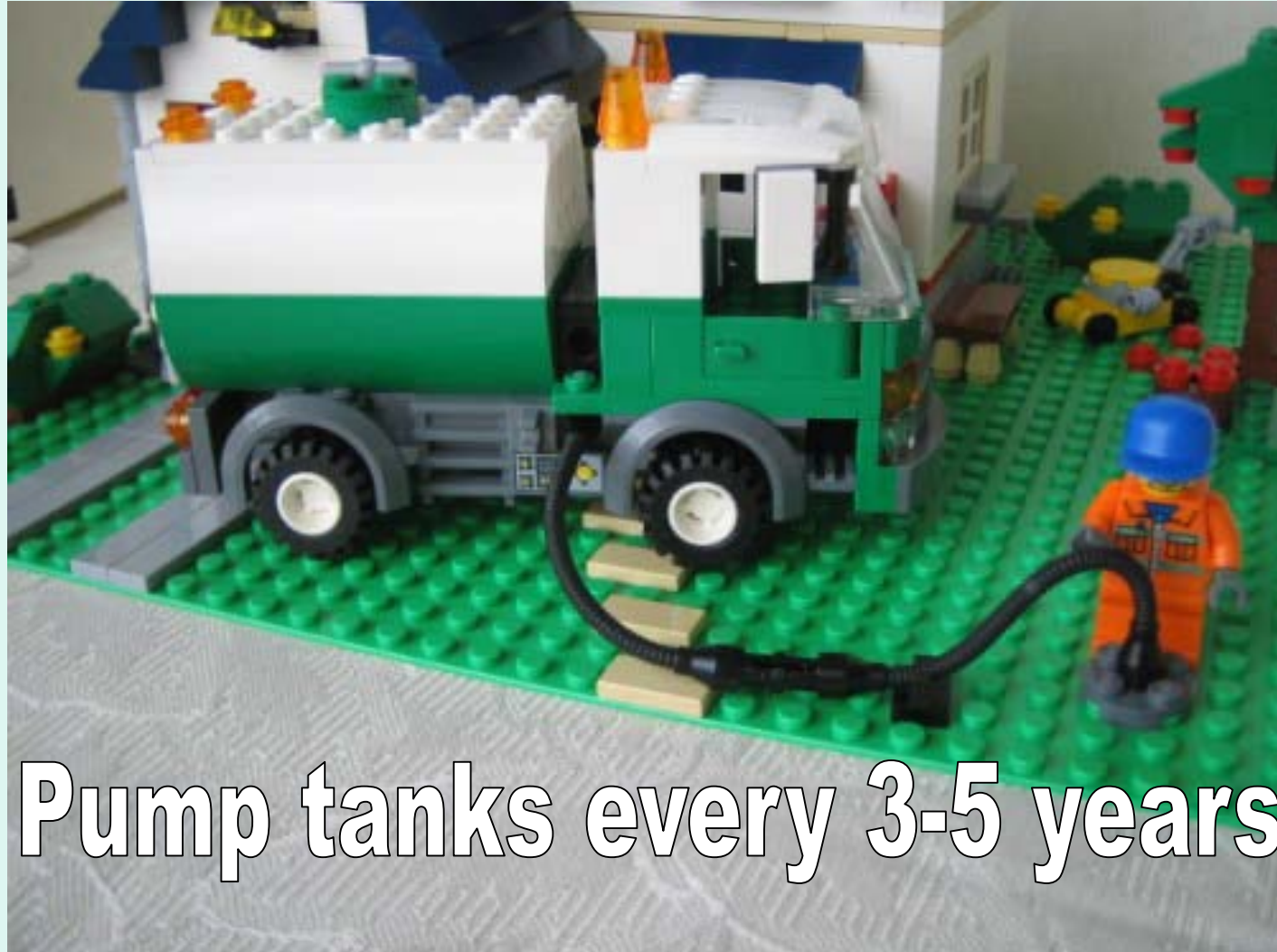
# Maintenance: Pumping



# Maintenance: Pumping



# Maintenance



Pump tanks every 3-5 years

# Clean filters





# Additives



# Questions?

**Call**

**(269) 927-5623**

**for questions**

