How a Septic System Works
Typical Septic Tank
Types of Effluent Filters
Alternating Valves
Drain Bed and Drain Field
Mound System
Soil Profiles

O horizon (loose and partly decayed organic matter)

A horizon (mineral matter mixed with some humus)

E horizon (light colored zone of leaching)

B horizon (accumulation of clay from above)

C horizon (partially altered parent material)

unweathered parent material
Isolation Distance

- Minimum 5 feet between the house and the absorption system.
- Minimum 15 feet between the house and the absorption system.
- 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

Berrien County Health Department