

## Septic System Training Highlights:

- New Code
  - Types of septic systems:
    - Conventional
    - Alternative
    - Demonstration
  - Certified installers
    - 2 yr registration
  - Operating permits
    - 5 yr
    - Annual report
  - COMP's
- Permits
  - Owned by property owner
  - Post permit and approve plan at site
  - Repairs (minor/major)
  - No footing drains or water treatment discharges connected to septic system
  - All wastewater plumbing connected to septic system
- Sizing drainfields
  - Bedrooms, soils
- Test pits
  - Location
  - Depth
  - Number
- Isolation distances
  - Water table to bottom DF stone = 3 feet
  - Drainfield to wells = 100 feet
  - Septic tanks to wells = 50 feet
  - Property line = 10 feet
- Field types
  - Conventional
    - Deep
    - Built-up
    - Modified Fill-Type
    - PDN
  - Alt. (requires operating permit)
  - Demonstration (requires operating permit)
- Tanks
  - Tank-only = affidavits w/in 30 days
  - Construction = concrete w/outlet Tee
  - Tightness testing requirements
    - High water-table
    - Alternative, demonstration
- Septic tank additives
  - Not recommended
- Risers
  - Secure, durable lids
  - Secondary security
  - Water-tight
- Effluent filters
  - 3X daily design flow
  - Location
  - Risers
- Pump system requirements
  - Effluent Filter
  - Elevations (existing & proposed)
  - Extra inspection
- Drainfield Construction
  - 4' centers
  - Split headers; 8 lines or more
  - 10 inches stone
  - Excavation w/ good infiltrative surface
  - Homeowner okay to install
  - Sch. 40, solid wall pipe
    - Between tanks
    - Tank to field
  - Stone covering
- Drainfield cover, aerobic conditions
  - 12-24 inches loamy soil
  - Grade to divert drainage
- Inspections
  - Requests
    - Permit #
    - Address
    - Phone
    - Certification number
  - Required
    - Excavation & final
  - Saturated, snow covered
  - Tags
    - White=approved, proceed
    - Green=final approval
    - Blue = what's up??
    - Red = not approved, pay \$243
      - Most often, not ready
      - 2 in 12 months = administrative conf.
  - Questions/Problems?
    - Call 734-222-3800

