

Hendricks County Health Department

Environmental Health

355 S Washington St Ste G30
Danville, IN 46122
Phone (317) 745-9217
Fax (317) 745-9218



Public Health
Prevent. Promote. Protect.

Nursing

355 S Washington St Ste G40
Danville, IN 46122
Phone (317) 745-9222
Fax (317) 745-9383

Site Plan Review Checklist

Soil Analysis by a Soil Scientist includes:

- Depth to limiting layer
- Depth to seasonal high water table
- Slope percent and direction
- Presence or absence of roots
- Topographic position of septic site

Site Plan includes:

- Directional arrow
- Scale of drawing or dimensions
- Design must be based on the number of bedrooms in the home (see definition of bedroom in Rule IAC 410 6-8.3)
- Type of system being designed
- Use most restrictive soil loading rate within 24 inches of proposed trench bottom when sizing system or 20 inches for an above grade system
- System design must provide for equal distribution of effluent throughout the absorption field
- Sizes, length and types (ASTM) of all piping
- Correct amount of fall in system piping
- Invert elevations out of house, into tanks, out of tanks, into d-box, out of d-box, into distribution laterals, bottom of soil absorption field.
- Size and type of septic tank
- Type of outlet filter meeting the NSF 46 standard
- Ground elevations at four corners of field, both ends of all trenches including one in the middle
- Subsurface drain invert elevations on four corners of system and outlet (daylighting requires ten feet of solid walled pipe, rip rap, and animal guard)
- Septic system drawn on contours
- Length of laterals or bed
- Distance between laterals
- Side representation of trench or bed and subsurface drain with measurements including type of aggregate and barrier material
- Show the location of all easements, structures, lot lines, groundwater wells, soil borings, dispersal area, and bodies of water including ditches, drainage ways, and tiles
- Location of the floodplain including the flood elevation, if applicable

Dose Tank Sizing includes:

- Internal dimensions of the dose tank and capacity per foot of dose tank
- Elevations of dose tank in/out, pump on/off, and high alarm float on
- 12 inches of effluent must be present at all times to submerge pump
- Enough volume in dose tank should include 12 inches, dose volume including drainback, and additional freeboard for the alarm
- Type of pump along with the manufacturer's pump curve
- All dose calculations must be shown

Outlet Filter:

- Outlet filter specifications