

HOWARD COUNTY HEALTH DEPARTMENT

Name _____ Address _____ ReviewDate _____

Preliminary Plan Review

- ___ Completed application
- ___ Completion agreement signed
- ___ Completed soils report
- ___ Completed guidelines
- ___ Plat plan
- ___ North indicator
- ___ TBM (location & elevation)
- ___ Property boundaries (dimensions)
- ___ Road listed
- ___ Footprint of all structures (labeled)
- ___ Driveway
- ___ Scale
- ___ Well radius or water line
- ___ All easements, setbacks shown
- ___ Neighboring wells within 100'
- ___ Trees affecting construction
- ___ Soil borings properly located with fixed reference point
- ___ Locate all bodies of water or surface runoff topography
- ___ Homeowner's information (name, address, phone)
- ___ Installer's information (name, phone, date)
- ___ System Type (with manufacturer)
- ___ System size
- ___ Septic Tank (size, manufacturer)
- ___ Outlet filter with alarm (type, manufacturer)
- ___ Pipe schedules
- ___ Trench depths (min, max)
- ___ Length of trenches
- ___ Trench center to center distance
- ___ System meets all minimum separation distances (including down slope dispersion)
- ___ Distance from house to tank
- ___ Distance from tank to dbox
- ___ Ground elevation at the manifold and distal end of every trench
- ___ Invert elevation of each trench bottom
- ___ Less than 1/2% difference in GE from Manifold to Distal Ends of trenches
- ___ Trenches numbered 1-?

Replacement Systems

- ___ Location of existing field
- ___ Probable reason for failure
- ___ Properly abandoned old tank

Drains

- ___ Verified drain outlet (size)
- ___ Condition (active & free flowing)
- ___ Ground elevation at each corner of the drain and the outlet
- ___ Invert elevations at each corner of the drain and the outlet
- ___ Drain size
- ___ Drain depth at the shallowest point
- ___ Drain has proper fall throughout its length
- ___ Drain depth at the outlet (in relation to the septic trenches)
- ___ Geotextile fabric (if required)
- ___ Drain backfilled with stone -upslope >2%
- ___ Distance from drain to septic trenches
- ___ Distance from field to outlet
- ___ Drain corners labeled A-D
- ___ Drain easement (notarized)

Flood Dose

- ___ Dose Tank (size, manufacturer)
- ___ Pump type (with curve)
- ___ TDH (bottom of tank elevation, inlet of dbox elevation)
- ___ Drain back
- ___ Distance from septic tank to dose tank
- ___ Distance from dose tank to dbox
- ___ Size of delivery line

Sand Lined Systems

- ___ Bed Elevation
- ___ Type of Pipe
- ___ System Sand Bed Area
- ___ System Sand Bed Length
- ___ System Pipe Row Length
- ___ Venting Requirements
- ___ Observation Port

Comments