

# 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**