

## **SEWAGE DESIGN INSTRUCTIONS**

When submitting a sewage design for review, the following information must be included. Incomplete information will delay the review of the application and design.

1. The Site and Soil Evaluation Form must be completed by a qualified soil evaluator. The proposed sewage treatment system (STS) and replacement areas must be designated on a site plan.
2. A Site Review Application must be submitted with the design, soils report, and supporting paperwork.
3. The designer must include the reasoning and justification for the layout and specifications of the chosen design. This should be based on the site characteristics and soil evaluation information.
4. The design must accommodate peak daily flows. The daily flow rate must be included on the plan.
5. The design drawing must at least include the following information:
  - a) A scaled drawing, (1" = 50' or less), detailing the entire sewage treatment system, labeling the house, driveway, property lines, water system, proposed or existing structures or swimming pools, disturbed areas, surface water, and any other pertinent information.
  - b) A topographic map of the lot drawn to 1-foot contours must be included within the design plan and layout.
  - c) North direction arrow.
  - d) A clearly identified benchmark. This benchmark must be protected throughout the entire building and installation process.
  - e) Soil test locations.
  - f) The location and dimensions of all STS components. Easements, wooded areas, water systems, disturbed areas and structures within 50' of the system must be labeled.
  - g) The location of the designated replacement sewage treatment system area.
  - h) Details on the continued access of all components to provide for operation and maintenance inspections.
6. A profile drawing must also be submitted. It will show the elevations for stub-out of house plumbing, septic tank inlet & outlet, depth of trench, tile inverts (bottom of the tile), and all other components.
7. A list of all proposed STS components, materials, specifications, installation guidelines, operating instructions and any special installation details.
8. A note requiring that any and all changes to the design must be approved by the designer before installation takes place.

More information may be found at the Greene County Public Health website [www.greencophoh.gov](http://www.greencophoh.gov)