



Sewage Treatment System (STS) Design Plan and Field Verification Checklist:

Property Address: _____ Parcel #: _____

Note: The site plan shall be prepared by a qualified person who is capable of accurately, thoroughly, and legibly completing the following information.

Design Plan Requirements

1. Label plan with address, parcel ID, and North arrow
2. Draw plan to scale; a scale of 1" = 50' or less is required
3. Draw the shape of the lot and provide lot dimensions
4. Draw contour lines in two foot or appropriately identified increments using GIS or assigned during site evaluation
5. Show the house and all other permanent structures, (garages, pole barns, etc.)
6. Include the number of bedrooms and minimum daily design flow
7. Identify all existing and proposed wells, cisterns, and other drinking water sources
8. Identify required isolation distances within 50 feet of all STS components
9. Location of any buried utilities or easements within 50' are shown, if applicable
10. If applicable, show the location of all STS components to be abandoned
11. If applicable, show the location of existing drainage (tile, creek, road ditch, etc.) and the direction of flow
12. Show the location of all ponds, wetlands, and riparian zones
13. Show the location and dimensions (length, width, and height, if applicable) of the STS area
14. Identify all system devices and materials, including tanks, dosing tanks, distribution piping, diversion mechanisms, and distribution materials
15. Identify benchmark location and elevations of all pipe inverts and septic components
16. Show the approximate locations of test holes or soil borings (not required for NPDES)
17. Provide all applicable calculations used to determine STS size and type
18. If applicable, provide soil loading rates based on soil evaluation
19. If applicable, provide pump sizing and selection
20. If applicable, provide pressure distribution network calculations
21. If applicable, identify and label the discharge point on the plan (ex. discharge to covered road ditch)
22. If applicable, identify the approved system manufacturer and model to be used
23. If applicable, provide the construction and installation notes for the system installer including manufacturer installation instructions
24. Include a statement that the owner will be provided copies or electronic access to O&M requirements, manuals, and instructions for use by the service provider
25. Include a signature of the person preparing the plan and the date it was prepared



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Field Verification Requirements N/A

- 1. The proposed location of all the soil absorption areas is marked on site
- 2. The proposed location of all soil absorption areas marked on site and noted on the design plan appear to match
- 3. The approved soil absorption area(s) appear(s) to be unaltered and/or undisturbed

SCPH Design Plan Review

Design Plan Requirements

Incomplete Completed: _____

Field Verification Requirements

Incomplete Completed: _____ N/A

Comments:

Design Plan Reviewed by: _____ Date Reviewed: _____

Approved **Disapproved**