

Sewage Treatment System (STS) Layout Plan Requirements

A Layout Plan can only be utilized for an HSTS that is not designed to utilize soil depth credits for pathogen reduction. It must include at a minimum:

- Designation of the described soil boring/or excavation locations on an eight and one half (8 ½) inch by eleven (11) inch or larger scaled site drawing adequate to provide the required site and soil evaluation documentation as required in paragraphs (B)(3) and (B)(4) of Section 6 of the Cuyahoga County Board of Health Sewage Treatment System Rules
- The scaled site drawing shall include the following:
 1. The dimensions of the lot or proposed lot
 2. Any existing or proposed dwellings and/or structures
 3. Any existing or proposed site disturbances or hardscapes
 4. The location of all private water systems or surface water features on the lot within fifty (50) feet of the lot boundary or within fifty (50) feet of the proposed STS locations with adequate length parallel to the land contour
 5. The North orientation arrow
- Drawings and dimensions of at least two (2) locations on the site that have been evaluated and determined to have the capacity for treatment and/or dispersal of sewage from the proposed dwelling or structures.
- Identification on the site drawing of the areas for which each soil profile description is representative and designation of any areas with conditions that would prohibit or impact the siting of an STS.
- Written details on the daily design flow, selected loading rates based on the site and soil evaluation, system configuration with absorption area dimensions, and if applicable, pump selection information and pressure distribution network description and calculations.
- Product information and written description of materials and system components including size of all tanks and distribution component materials including mechanical distribution and diversion mechanisms.
- Manufacturer O&M requirements or instructions for components not addressed in general O&M information available through the Cuyahoga County Board of Health or the Ohio Department of Health.
- Any additional information requested by the Cuyahoga County Board of Health related to components, materials, and installation or O&M specifications.