

Memo

Date: October 14, 2004
To: Distribution
From: Director of Health, Ledge Light Health District
RE: Clarification on Septic System As-Built Plan Requirements

The **Connecticut Public Health Code** Section 19-13-B103e (g) (4) and (h) (1) and **Technical Standards** Section II state that a record plan (as-built) of a sewage disposal system is required to be submitted to and approved by the local health department prior to issuing a permit to discharge. An as-built is to be prepared and submitted by the permitted installer **unless** the local health director/authorized agent requires an engineer to be on-site at the time of construction. The design engineer must submit the as-built when he/she is required to be on-site.

A permit to discharge for **all new, repairs, alterations or extensions of a septic system** will not be issued by the Ledge Light Health District (LLHD) until the design plan has been approved, a septic permit has been issued, all required inspections have been conducted and approved by the LLHD and an as-built has been submitted to the LLHD by the permitted installer, design engineer or a licensed surveyor. The as-built must include, at a minimum, the following:

1. The installer's, engineer's and/or surveyor's name and contact information.
2. The address and location of the house, with the number of bedrooms, garage and all other structures on the property; a directional arrow (north) and/or a reference to a road or landmark.
3. Dimensions taken from two fixed points (i.e. corners of the house) to all components of the septic system and water supply including:
 - a. The house sewer line at the foundation and the distance between the two fixed points.
 - b. Septic tank cleanouts and/or the inlet and outlet of the septic tank.
 - c. All distribution boxes and other cleanouts.
 - d. The ends of all leaching rows.
 - e. All wells and/or the public water line.A plan drawn to a specified scale, with or without dimensions from two fixed points, is also acceptable.
4. The capacity of the septic tank, as well as the length, type and effective leaching area of the leaching structures.
5. Water collection drains (footing, curtain and/or road drainage), the type of pipe used and their proximity to wells and the septic system.

In addition, to issue a permit to discharge without "unreasonable delay" as stated in Section 19-13-B103e. (k) (1), the as-built must be submitted to the LLHD within 30 days of the final system installation. Upon expiration of the 30 day period, a reminder letter will be sent to the installer/engineer/surveyor and the Department of Public Health.

If you have any questions or concerns, please contact any LLHD sanitarian at (860) 448-4882.

Francis L. "Sam" Crowley, MPH, JD
Director of Health

Distribution: Professional Engineers and Licensed Surveyors
Licensed Septic Installers
Groton, Ledyard and Waterford Building Officials
Ledge Light Health District Sanitarians
Department of Public Health Sewage Program