

CHATHAM HEALTH DISTRICT

Sewing the Towns of East Haddam, East Hampton, Hebron & Marlborough

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DISTRICT HEALTH DIRECTOR

Thad D. King, MPH

Memo 02-4

To: Chatham Health District Staff
From: Thad D. King, Director of Health
Re: Onsite Septic Systems in Watersheds and on Small Lots
Date: 10/2/02

Lots within lake watersheds shall be required to submit an engineered septic system designs when required under Public Health Code Sec.19-13 B103d(e):

Disposal system for areas of special concern shall merit particular investigation and special design, and meet the special requirements of this subsection. The following are determined to be areas of special concern:

- (A) A minimum soil percolation rate faster than one inch per minute, or
- (B) Slower than one inch in thirty minutes, or
- (C) Maximum ground water less than three feet below ground surface, or
- (D) Ledge rock less than five feet below ground surface, or
- (E) Soils with slopes exceeding twenty-five per cent, or
- (F) Consisting of soil types interpreted as having severe limitations for on-site sewage disposal by most recent edition of the National Cooperative Soil Survey of the Soil Conservation Service, or
- (G) Designated as wetland under the provisions of Sections 22a-36 through 22a-45 of the Connecticut General Statutes, as amended.
- (H) Located within the drawdown area of an existing public water supply well with a withdrawal rate in excess of fifty gallons per minute, or within five hundred feet of land owned by a public water supply utility and approved for a future wellsite by the Commissioner of Health Services.

Lots which provide 0.167 acres or less per bedroom shall be carefully evaluated according to the above criteria. Of particular concern shall be demonstration of suitable available area, and the ability of the surrounding soils to absorb and disperse the expected contaminants such as nitrogen, as referenced in DEH Circular Letter # 2002-3 (attached).