

Town of Princeton

BOARD OF HEALTH

Regulations for On-Site Sewage Treatment and Disposal Systems. Addendum to 310 CMR 15.00 – TITLE V

This supplement supersedes all supplements to Title V adopted previously by the Town of Princeton Board of Health.

The Princeton Board of Health, acting under the authority of Chapter 111, Section 31 of the General Laws of the Commonwealth of Massachusetts and amendments and additions thereto, and any other power thereto enabling, and acting there under and in accordance therewith G.L. c 111, & 127A and G.L. c. 111, & 31, and in the interest of and for the preservation of the public health and safety, duly make and adopt the following rules and regulations:

15.220 SEPTIC SYSTEM DESIGN PLANS AND SUBMITTAL

Every plan shall be drawn to a specific scale of 1" = 40', 1" = 20' or 1" = 10'.

The scales shall be shown appropriately in obvious locations on the plan for various details and or illustrations. The plans shall meet all of the requirements shown in 310 CMR 15.220 1 through 4 (a) through (v).

Complete submittals include three copies of the plan, and Application for Disposal System Construction Permit (filled out by the designer, signed by the applicant) and the appropriate fee. The plans will not be accepted without the properly executed application form or fees.

15.021 CERTIFICATE OF COMPLIANCE

(3) In addition to all of the necessary requirements to obtain a certificate of compliance, an "as-built" plan will be required for every system or system component that is installed or replaced. The "as-built" plan shall be prepared by the designer and shall include enough topographic information to determine that the final grading over and around the system is in compliance with Title V. Failure to submit an as-built plan in a timely manner will prevent the board from reviewing any future plans for review.

Any Professional Engineer or Sanitarian that installs a septic system that they have designed or the company they work for has designed must have a separate "third party" Professional Engineer or Sanitarian perform the "as-built" inspections and prepare the required certifications. The third party shall not be related on a personal or business basis to the Installer. The Board of Health reserves the right to determine that the third party is impartial to the installer.

15.221 GENERAL CONSTRUCTION REQUIREMENTS FOR ALL SYSTEM COMPONENTS

(2) All septic tanks, pump chambers, manholes or other structures shall be set on a level 6" layer of compacted $\frac{3}{4}$ - 1 $\frac{1}{2}$ inch crushed stone. $\frac{1}{8}$ - $\frac{1}{2}$ inch pea stone shall be used to set the base of the distribution box. The soil beneath these structures shall be mechanically compacted prior to placement of the stone.

(5) All piping shall be schedule 40 PVC including the perforated pipe used in soil absorption system laterals.

15.251 LEACHING TRENCHES

Minimum area 750 sq. ft.

3 Trenches 50 feet in length with the appropriate effective width and depth, or another approved configuration with the required minimum area.

15.252 LEACHING FIELDS

Minimum leaching area required = 1,000 sq. ft.

Minimum to property line = 30'

(g) The minimum aggregate depth below the invert of the distribution lines shall be no less than 12".

15.255 CONSTRUCTION IN FILL

All soil absorption systems shall have a 6" layer of ADTM C-33 sand placed above, around and below the leaching stone, media, chamber, pipe or structure. Any additional fill required shall meet the requirement of 15.255 (1) through (3).

15.301 SYSTEM INSPECTION

(7) All inspections required by 310 CMR 15.301 shall be conducted by a Registered Sanitarian or a Professional Civil Engineer. Also, the inspection shall be witnessed by a Board of Health member or agent. A fee will be charged for the witnessing of the inspection.

SEVERABILITY

If any provision of these regulations or the application thereof is held to be invalid by a court of competent jurisdiction, the invalidity shall be limited to said provisions, and the remainder of these regulations shall remain valid and effective. Any part of these regulations subsequently invalidated by any state law shall automatically be brought into conformity with the new or amended law and shall be deemed to be effective immediately.

Board of Health Members

Gregory Dowdy, Chairman

James Hillis

Robert Mason

June 8th, 2009