

# Town of Raynham, Massachusetts

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## **2/14    By-law Pertaining to and Regulating the Design and/or Maintenance of Sewage Disposal Systems in the Town of Raynham**

### **2/14.1                    Permit**

- a. No new dwelling, industrial or commercial structure, may be erected in the Town of Raynham, and no building permit may be issued therefore, until a sewage disposal works permit has been secured from the Board of Health, or its agent.
- b. A specification form indicating the proposed method of compliance with the rules and regulation contained in Sections 2/14.2 and 2/14.3 said form to be supplied by the Board of Health, shall be executed by the home owner or builder and made a part of the sewage disposal works permit by the official signatures of the Board of Health, or its agent.

### **2/14.2                    Design of Disposal Works**

- a. The sewage disposal work shall consist of a septic tank, with either leaching pit or pits, or trenches, adequate to provide for the daily sewage flow indicated in sub-section c.
- b. Septic tanks shall be water tight and may be constructed of concrete or other durable material. Metal tanks shall be of at least No.14 gauge steel or sheet iron with a protective coating of asphaltum.
- c. Tanks may be of any shape so long as the liquid capacity is equal to or exceeds 150% of the daily sewage flow, and the liquid depth for domestic installations is from 4 to 6 feet with an air space from 6 to 9 inches.
- d. The inlet and outlet shall be provided with a sanitary tee or equivalent baffle extending 10 inches below the flow line of the inlet and 15 inches on the outlet.
- e. Access opening (manholes or cleanouts) shall be provided over each inlet and outlet to permit cleaning of the tees or baffle and each tank (or compartment or multi-compartmented septic tanks) shall be provided with a least one manhole with a minimum diameter of 15 inches located over the inlet to permit maintenance and cleaning of the tank. The tops of the manholes or cleanouts shall be made water tight and be extended where necessary to between 12 inches to 18 inches below ground line

- f. The house sewer which will receive discharge from the house drain and conduct it to the disposal system shall be at least 4 inches in diameter, constructed of cast-iron, vitrified clay, concrete, cement, asbestos, or laminated impregnated pipe laid with tight joints and at a minimum grade of 118 inches per foot. Wherever the house sewer passes within 50 feet of any well or other source of supply, cast iron pipe with properly caulked lead joints shall be used.

## **2/14.3**

### **Site Location**

- a. All portions of the system shall be constructed of durable materials with tight joints if located within: 100 feet of a wall or suction line from a well, 100 feet from any water supply or its tributaries, 10 feet of any drinking water supply line under pressure, 5 feet of the basement foundation if at an elevation above the cellar floor level.
- b. If a septic tank is used and is constructed of material not subject to excessive corrosion or decay so that it remains water tight, its location need not be restricted to any minimum distance from the building foundation.
- c. No part of the actual leaching works shall be closer than: 50 feet from any dwelling not located where town water is supplied, 10 feet from the line of any street, 10 feet from an adjoining lot line, 100 feet from a private water supply well or suction line therefrom, 50 feet from an open stream or water course, 50 feet from any subsurface drainage system, 10 feet from any drinking water supply line under pressure.
- d. The actual leaching works shall be at an elevation 4 feet above that of the ground water level at all seasons.

## **2/14.4**

### **Inspection**

All sewage disposal works construction shall be inspected and approved by the Board of Health, or its agent, before such construction is covered and such cover shall be applied, thereafter in a manner approved by the Board of Health.

## **2/14.5**

### **Penalty**

Any person violating any of the provisions of Section 2/14.2 through 2/14.4 and 2/14.6 of this By-Law shall be fined not more than twenty (20) dollars for each 7-day period that such violation continues without abatement.

Note: All the provisions of Section 2/14.6 come under the jurisdiction of the Board of Health, as covered in General Laws, Chapter 111, Section 31A and 31B, and the State Sanitary Code, Article Eleven.

## **2/14.6**

### **Transportation and Disposal of Cesspool and Septic Tank Contents**

- a. Permits-No person shall engage in the removal or transportation of the contents of cesspool or septic tanks, or other offensive substances without first obtaining a

permit from the Board of Health under Section 31A of Chapter 111 of the General Laws. Such permits shall expire at the end of the calendar year in which they are issued, unless they are earlier revoked for cause.

b. Equipment -No person shall use equipment to remove or transport the content of cesspool or septic tanks or other offensive substances unless such equipment has first been inspected .and approved by the Board of Health.

c. Mobile Tanks-Mobile tanks shall be securely mounted on trucks. They shall be watertight and provided with a leak-proof cover and discharge valves.

d. Venting of Mobile Tank-Mobile tanks shall be provided with a vent constructed in a manner that will permit the escape of gas but not the liquid contents of the tank.

e. Hose-Suction or pressure hose shall be in good repair.

f. Pumps-Pumps shall be maintained in a condition that will prevent leakage of sewage.

g. Disposal-Disposal of the substances listed in section a. of this article shall be by burial to a depth of at least 24" below the surface or by discharge into a sanitary sewer. If disposal is by discharge into a sanitary sewer, it shall be in a manner and at such times as may be acceptable to the authority having jurisdiction over the sewer. If disposal is by burial, it shall be in a location approved in writing by the Board of Health.

h. Transportation-The contents of cesspools, and septic tanks shall be transported in a manner that will not create a nuisance or a health hazard.