

**TOWN OF MASHPEE  
BOARD OF HEALTH**

**SOIL STABILITY REGULATION**

Notice is hereby given that the following regulation has been adopted by the Town of Mashpee Board of Health, under the provisions of Massachusetts General Laws, Chapter 111, Section 31 and 127A.

**SOIL STABILITY**

No newly constructed septic systems, nor expansion of existing septic systems shall be permitted within 150 feet of any area where there is active shifting of sands or earth. The delineation of such areas shall be shown on a plan drawn by a Professional Registered Engineer and verified by the Mashpee Conservation Commission or its agent. These areas shall include:

- a. Coastal Beaches, to include any unconsolidated sediment subject to wave, tidal and coastal storm action which forms the gently sloping shore of any body of salt water and includes tidal flats. Coastal beaches extend from the mean low water line landward to the dune line, coastal bank line or the seaward edge of existing manmade structures, when these structures replace one of the above lines, whichever is closest to the ocean;
- b. Coastal dunes, to include any natural hill, mound or ridge of sediment landward of a coastal beach deposited by artificial means for the purpose of storm damage prevention or flood control;
- c. Barrier beaches, to include any low-lying strip of land generally consisting of coastal beaches and coastal dunes extending roughly parallel to the trend of the coast. It is separated from the mainland by a narrow body of fresh, brackish or salt water or a marsh system. A barrier beach may be joined to the mainland at one of both ends;
- d. Coastal banks composed of unconsolidated sediment, to include the seaward face or side of any elevated landform, other than a coastal dune, which lies a the landward edge of a coastal beach, land subject to tidal action, or other wetland. These banks are exposed to vigorous wave action and through that action serve as a major continuous source of sediment for beaches, dunes and barrier beaches as well as other landforms caused by coastal processes. Coastal banks with previously existing man-made structures such as seawalls, riprap, revetments and bulkheads are exempt from this provision.

**PART IX, SECTION 11.00: Soil Stability Regulation**

Variances from this regulation may, at the Board of Health's discretion, require satisfactory documentation from a hydrogeologist or professional sanitary engineer at the applicant's expense.

This regulation shall take effect on the date following publication.

Per Order Of,  
Mashpee Board of Health

George R. Costa, Chairman  
Stephen J. Greelish, Co-Chairman  
John T. Doherty, Clerk

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