



# 150 FOOT SETBACK REG BOARD OF HEALTH TOWN OF BOURNE

Pursuant to Chapter 111, s. 31, Mass. General Laws, the Bourne Board of Health voted at its regular meeting September 23, 1983, to amend the 150 foot setback requirement for all leaching facilities from a watercourse, approved June 1, 1988, to be as follows:

## Section 1.

Having determined that contaminant transport rates in glacial outwash soils may be up to 2.3 feet per day (LeBlanc - USGS report 82-274), a 150 foot setback will be required for all leaching facilities from the edge of a wetland resource or watercourse, as defined in 310 CMR 15.01 Title V. Setback distance shall be measured during periods of highest ground or surface water conditions. The Board of Health may grant a variance from the 150 foot setback requirement, based upon satisfactory documentation prepared by a hydro geologist or professional sanitary engineer. In addition, a hydro geologic study, prepared by a hydro geologist or professional sanitary engineer, will be required by the Board of Health for all leaching facilities within 100 feet of a wetland or watercourse, as defined by 310 CMR 15.01, Title V. In no case shall a septic system leaching facility be placed within 75 feet of a wetland or watercourse, except in cases of repair or extreme hardship.

## Section 2.

Definitions Highest groundwater shall be defined as the maximum water table elevation, as determined by the USGS monitoring well data provided by the Cape Cod Planning and Economic Development Commission. The USGS computer model may be used to determine maximum groundwater elevation, except in coastal zones, where highest groundwater shall be determined at periods of high tide, including spring and moon tides. Highest surface water shall be defined as vernal pond elevations, or, in a coastal zone, maximum high water at high tide (including moon and spring tides). Extreme hardship shall be defined as loss or damage to structure or septic system due to fire, flood, acts of nature, or land taking (by eminent domain).