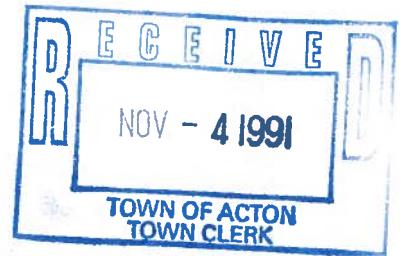


ACTON BOARD OF HEALTH

MINUTES



SEPTEMBER 16, 1991

MEMBERS PRESENT: Jonathan Bosworth (Chairman)

Gerhard Heinrich

George Emmons

STAFF PRESENT: Doug Halley (Health Director)

Sheryl Howe

OTHERS PRESENT: John C. Grosjean

Mark Dodd

Wayne Ferreira

MINUTES:

On a motion made by Mr. Heinrich, seconded by Mr. Emmons, the Board unanimously voted to accept the minutes of August 26, 1991 following some amendments.

54 CENTRAL STREET - VARIANCE:

Mr. Grosjean and Ms. O'Neil, owners of 54 Central, would like to add an additional bedroom. The existing house has two bedrooms. Health Department records indicate that a 900 gallon septic tank and 960 square feet of leaching was installed in 1959. The requirements for a three bedroom home are a 1000 gallon tank and 800 square feet of leaching. The Health Department recommends granting a variance for the septic tank with the condition that the tank be pumped yearly to compensate for the smaller septic tank.

On a motion made by Mr. Emmons, seconded by Mr. Heinrich, the Board unanimously voted to allow the continued use of the existing septic tank at 54 Central Street when the additional bedroom is constructed for a total of three bedrooms with the following condition:

1. That the septic tank be pumped once every year.

LOT G & H ARLINGTON STREET - SPECIAL PERMITS FOR WORK IN THE AQUIFER:

The owners of lots G & H Arlington Street seek special permits for work in the aquifer to construct new septic systems. The percolation rate for both lots was two (2) minutes per inch. Lot G will be pressure dosed. Lot H will have a system 6' above groundwater.

On a motion made by Mr. Emmons, seconded by Mr. Heinrich, the Board unanimously voted to grant special permits for work in the aquifer to lots G & H Arlington Street with the following conditions:

1. No underground fuel storage tanks shall be permitted on the site.
2. Septic tank shall be pumped a minimum of once every two years.
3. The site shall fully conform to the Town of Acton Hazardous Materials Control Bylaw.
4. The sewage disposal system for the proposed buildings at this site shall be approved by Acton Board of Health staff.
5. Leaching facility shall be designed and installed with pressure dosing of the system, said pressure dosing to be designed in accordance with State Environmental Code or the lowest portion of leaching area shall be six feet above groundwater.
6. Sewage disposal system shall be a minimum 100 feet from flood plain and/or wetlands.
7. Floor drains are not permitted.

6 CANDIDA LANE - VARIANCE:

Richard Siegrist, owner of 6 Candida Lane, seeks a variance from 310 CMR 15.15 Figure I to allow the reconstruction of a septic system. The design of the proposed septic system cannot meet Title 5's slope requirements. The proposed plan has been designed in accordance with D.E.P. policy 87-1.

The system was originally constructed in 1982. The Health Department witnessed testing recently, and noted that the front yard in which the original system was constructed was full of ledge. The recent testing was performed in the backyard with ledge found around 5 1/2 feet to 6 feet, however steep slopes are present. The proposed system is designed with a clay barrier which will be one foot wide and four feet below the bottom of the septic system. The proposed system will be approximately twice the size of the original system.

The Health Department recommends this variance because the enforcement of the slope requirement would do manifest injustice and the owners have demonstrated that the same degree of environmental protection against breakout will be achieved. Final approval for this variance is needed by the State.

On a motion made by Mr. Emmons, seconded by Mr. Heinrich, the Board unanimously voted to grant a variance to 310 CMR 15.15 Figure 1 to allow the reconstruction of a septic system at 6 Candida Lane in accordance with plan designed by Brad Leach dated September 9, 1991.

**DECK HOUSE - 930 MAIN ST - HAZARDOUS MATERIALS PERMIT & SPECIAL PERMIT:**

Representatives of Deck House, seek a hazardous materials storage permit and a special permit for reconstruction of their septic system. The Health Department conducted an inspection of the facility and noted that a product called "Woodlife Clear" which contains Trimethylbenzene, ethanols, and alcohols is stored on the property. The "Woodlife Clear" is stored in two

separate tanks. Tank 1 contains up to 750 gallons of the product and it has been placed inside of a sunken concrete containment area. Tank 2 is presently not stored in a area with secondary containment and the tank is situated so if a spill were to occur the product would run down a slope towards a garage door. However, the concrete pad outside of the garage door is diked.

Deck House is considered a small quantity generator of Hazardous Materials because waste oil is stored here and disposed of by Murphy's Waste Oil Company.

On a motion made by Mr. Emmons, seconded by Mr. Heinrich, the Board unanimously voted to grant a hazardous materials control permit to Deck House, 930 Main Street, with the following conditions:

1. All tanks storing the material "Woodlife Clear Preservatives" shall be properly labeled noting ingredients and health precautions.
2. Oxidizers or caustics shall not be stored or used in Section 4 of the Deck House complex.
3. Gloves and goggles or glasses with eye shields shall be placed in Section 4, for employees, should a clean-up become necessary.
4. Deck House shall provide a contingency plan for spill prevention and remediation within 30 days after receipt of this permit.
5. A first aid station in the vicinity of Section 4 shall be provided for easy access to all employees.
6. All waste oil tanks have secondary containment.

7. Invoices for the disposal of waste oil shall be submitted annually to the Board of Health.
8. All existing underground fuel storage tanks shall be tested for integrity on an annual basis.

On a motion made Mr. Heinrich, seconded by Mr. Emmons, the Board unanimously voted to grant a special permit for work in an aquifer to Deck House, 930 Main Street with the following conditions:

1. No new underground fuel storage tanks shall be permitted on the site. All existing fuel storage tanks shall be tested on an annual basis.
2. Septic tank shall be pumped a minimum of once every year.
3. The site shall fully conform to the Town of Acton Hazardous Materials Control Bylaw.
4. The sewage disposal system for the proposed buildings at this site shall be approved by Acton Board of Health staff.
5. Leaching facility shall be designed and installed with pressure dosing of the system, said pressure dosing to be designed in accordance with State Environmental Code or the lowest leaching area shall be six feet above groundwater.
6. Floor cleaning procedures for the buildings shall use only nontoxic and biodegradable cleaning compounds.
7. Sewage disposal system shall be a minimum 100 feet from flood plain and/or wetlands.
8. Floor drains are not permitted.

LOT 23 STONEYMEADE - IRRIGATION WELL:

Mr. Cataldo owner of Lot 23 Stoneymeade Way requests a variance to allow the installation of a private well, for irrigation purposes, in a public water supply area. The property is in Zone 4 of the town's aquifer and groundwater was found at six (6) feet. Studies have been performed previously on the impact of bedrock wells on surficial groundwater supplies. The results have shown that these are two different sources of water with minimal linkage.

On a motion made by Mr. Emmons, seconded by Mr. Heinrich, the Board unanimously voted to grant a variance from Acton regulations 9-6.4 to allow an irrigation well at Lot 23 Stoneymeade Way with the following conditions:

1. The proposed well must be a bedrock well.
2. A chemical and bacterial analysis shall be conducted annually with a report submitted to the Board of Health.
3. Any test results that are greater than 50% of the allowed state requirements shall cause immediate cessation of the well or the implementation of a filtering program to remove the identified contaminants.
4. Any underground water sprinkler system shall have all water lines installed at a minimum of ten feet from the septic system and all sprinkler heads a minimum of twenty feet from the septic system. Prior to installation a plan showing the proposed location of the underground water sprinkler system shall be submitted to the Health Department.
5. There shall be no cross-connection with any public water supply.

On a motion made by Mr. Emmons, seconded by Mr. Heinrich, the Board unanimously voted to adjourn at 8:23 P.M.

NEXT MEETING:

The next regularly scheduled meeting will be held on September 30, 1991 at 7:30 P.M. in Room 126 of the Town Hall.

The following meeting will be held on October 7, 1991 at 7:30 P.M. in the Town Hall.

Respectfully Submitted,

Sheryl Stone

Signed and Approved,

Jonathan Bosworth  
Jonathan Bosworth, Chairman