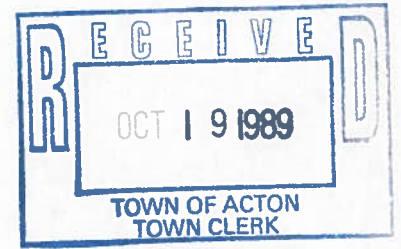


Town Clerk

ACTON BOARD OF HEALTH
MEETING 8/17/89



MEMBERS PRESENT: Joseph Glannon (Chairman)
George Emmons
Gerhard Heinrich

STAFF PRESENT: Doug Halley (Health Director)
Sheryl Howe

The meeting opened at 7:31 P.M.

MINUTES:

On a motion made by Mr. Emmons, seconded by Mr. Heinrich, the minutes of June 12, 1989 were unanimously approved as written.

On a motion made by Mr. Emmons, seconded by Mr. Heinrich, the minutes of June 26, 1989 and July 10, 1989 were unanimously approved with the condition that some minor changes be made.

14-18 STRAWBERRY HILL ROAD APARTMENTS - VARIANCE & SPECIAL PERMIT:

Strawberry Hill Road Apartments has been in need of a repair of their septic system. The system has in the past had several outbreaks and based on that Mr. Halley has issued the go ahead for the construction when plans were submitted because he feels the surrounding environment was at risk and the best solution for the Town's

safety was to start the process of repairing the system. The septic system is approximately thirty years old. Acton Survey and Engineering submitted a plan to the Health Department proposing that the new septic system only accommodate 36 units of the total 72 on site. The remaining units will utilize other existing septic systems which are not currently exhibiting problems. The proposed septic system will be designed with 4,800 square feet of leaching area and will be pressure dosed.

A variance is required from the Board, regulation 11-15.1 which requires a minimum of 2 square feet of leaching area be provided per gallon of effluent discharged. It was Mr. Halley's belief that the existing system, which the owner plans to rest, would combine with the new system and have a capacity to leach 11,796 gallons per day for the 36 units based on the 2 mpi perc rate. The total leaching area available after the old system has rested will be 8,400 square feet or a ratio of 1.4 square feet of leaching area per gallons discharged. The Board has in the past approved a ratio of 1.3 because of trenches ability to leach more efficiently through their sidewall area.

On a motion made by Mr. Emmons, seconded by Mr. Heinrich, the Board unanimously voted to grant this variance with the following conditions:

1. That a divertor valve to be used to dose the old field be placed after the pumping chamber for the new system.
2. That the old field be put into use beginning three (3) calendar years from this date with pressure dosing of both fields.

On a motion made by Mr. Emmons, seconded by Mr. Heinrich, the Board unanimously voted to grant 14-18 Strawberry Hill Road a Special Permit for work in an aquifer 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 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.
6. Floor cleaning procedures for the building 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.

GROUNDWATER & HAZARDOUS MATERIALS BYLAWS - DRAFTS:

The Board discussed their concerns about adopting the Hazardous Materials Bylaw and the Groundwater Protection Regulation. Mr. Emmons spoke about changing some of the long sentences in the Groundwater Protection Bylaw. He feels a solution to this would be to add definitions to the bylaw. Mr. Glannon feels that at this time that the Board should set forth two hours each for meetings to fully discuss the proposed bylaws in depth.

The Board decided that the August 28, 1989 will be used to discuss the Hazardous Materials and September 25, 1989 for the groundwater meeting.

9 ORCHARD DRIVE - VARIANCE:

F.J. Ratta seeks a variance to Title 5 for an excessive perc rate. The perc rate is 40 minutes per inch. F.J. Ratta has designed a six trench system with 1,200 square feet of leaching area provided. If the Board approves this variance it will also have to go before the State for final approval.

On a motion made by Mr. Emmons, seconded by Mr. Heinrich, the Board unanimously voted to grant this variance to Title 5 for soils with a percolation rate greater than 30 minutes per inch. The repair shall be made in accordance with the plan submitted by F.J. Ratta on June 29, 1989 and pumping shall be done once every two years and the installation shall conform to the plan submitted.

7 MARIAN and 14 ELM - SPECIAL PERMITS:

A.B.C. Cesspool seeks a special permit for work within the aquifer protection zone for 7 Marian and 14 Elm Street. The proposed systems have been designed with pressure dosing of the system. Mr. Halley feels that these special permits should be granted because A.B.C. Cesspool has met all the usual conditions that the Board usually requires.

On a motion made by Mr. Emmons, seconded by Mr. Heinrich, the Board voted to unanimously grant these special permits 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.
6. Floor cleaning procedures for the building 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.

9 BAXTER DRIVE - SPECIAL PERMIT:

Mr. John Thornton seeks a special permit for work within the aquifer protection zone for his property located at 9 Baxter Drive. Mr. Halley feels that this special permit should be granted as long as pressure dosing of the system is obtained. Mr. Halley recommends that the Board grant this special permit with the usual conditions.

On a motion made by Mr. Emmons, seconded by Mr. Heinrich, the Board voted to unanimously grant this special permit 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.
6. Floor cleaning procedures for the building 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.

On a motion made Mr. Emmons, seconded by Mr. Heinrich, the Board unanimously voted to adjourn at 9:55 P.M.

NEXT MEETING:

The Board's next regularly scheduled meeting will be held on August 28, 1989 in Room 126 of the Town Hall at 7:30 P.M. The following meeting will be held on September 11, 1989 same time and place.

Respectfully Submitted,

Sheryl Howe

Sheryl Howe, Secretary

Signed and Approved,

Joseph W. Glannon

Joseph Glannon, Chairman