

ACTON BOARD OF HEALTH



MEETING 4/9/90

MEMBERS PRESENT: Joseph Glannon (Chairman)

Gerhard Heinrich

Jonathan Bosworth

STAFF PRESENT: Doug Halley

Steven Ward

Sheryl Howe

OTHERS PRESENT: Richard Rhode

Richard Case

Mary Case

Savas Danos

The meeting opened at 7:35 P.M.

MINUTES:

On a motion made by Mr. Bosworth, seconded by Mr. Heinrich, the Board unanimously voted to accept the minutes of February 26, 1990.

On a motion made by Mr. Heinrich, seconded by Mr. Bosworth, the Board unanimously voted to accept the minutes of March 12, 1990 following corrections.

On a motion made by Mr. Heinrich, seconded by Mr. Bosworth, the Board unanimously voted to accept the minutes of March 26, 1990 following corrections.

SWIMMING POOL:

Mr. Ward suggested that the Board review the lifeguard policy that was adopted last season because of his feelings that many of the conditions of the policy will be extremely difficult to enforce. Mr. Ward feels that without a lifeguard present the quality of the pool will suffer. In addition, the responsibilities for maintaining a pool are too much for a contact person who in most cases is also maintaining the entire property. The contact person is not always present to see if the regulations are being enforced. The lifeguard regulations state that if any one of these regulations are violated a \$50.00 fine will be imposed. Mr. Ward feels that violations occur frequently, which could be expensive for the landlords and would undermine the effectiveness of the regulation. There were some problems with the enforceability of the lifeguard regulation last season, therefore, the Health Department feels that the regulation should be amended. The Health Department recommends that having a lifeguard present at all times would prevent these violations from occurring. The Board discussed inviting a person from each pool to a meeting on April 30, 1990 in order to discuss amending the regulation. The Board would also like the Health Department to obtain recommendations according to what

other Town's do. The Board discussed the liability involved with not having a lifeguard and Mr. Glannon suggested having a sign posted at each pool stating the liability. Mr. Glannon would like the Health Department to draft a memorandum for the Board with all options on how this issue could be solved.

8 PUTNAM DRIVE - VARIANCE TO INSTALL PUMP PRIOR TO SEPTIC TANK:

The owner of the property at 8 Putnam Drive seeks a variance to install a pump prior to the septic system. The owner wishes to finish the basement and would like to install a wet bar sink and a tub style sink. This request for a pump prior to a septic system will also need approval from D.E.P. The owner of the property had the septic system pumped and inspected in July and was found to be in good working order. Mr. Halley stated that the concern with placing a pump prior to a septic tank is the grinding of solids and the possibility that they will remain suspended as effluent is discharged into the septic system. The proposed use will not involve the use of solids, therefore, the Health Department recommends this request be granted with the condition that the septic tank be pumped at a minimum of once per year.

On a motion made by Mr. Heinrich, seconded by Mr. Bosworth, the Board unanimously voted to allow the use of a pump prior to a septic system with the condition that the system be pumped at a minimum of once every year.

19 NORTHBRIAR ROAD - VARIANCE TO SEPTIC SYSTEM CAPACITY:

The owners of the property located at 19 Northbriar Road seek a variance to allow their home to have a food service use. The variance is needed because the existing septic system is not large enough according to Acton Rules and Regulations to accommodate this secondary use. The existing septic system size meets Title 5 with the added flow that would be created

by the proposed kitchen. The Board suggested that water flow charts be submitted to the Health Department quarterly or yearly to make sure the existing system is not over stressed. The business will need to be inspected twice a year and the business is also required to obtain a food service permit yearly. The Health Department feels that this use is acceptable with the condition that the septic system is pumped and inspected yearly.

On a motion made by Mr. Heinrich, seconded by Mr. Bosworth, the Board unanimously voted to grant this variance to 19 Northbriar Road, Acton from Acton Regulation 11.15.1 - Minimum size of leaching to allow the secondary use of a residential kitchen to make strudels with the following conditions:

1. That yearly water readings be submitted to the Board of Health for their review.
2. That the operation fully comply with all of Acton's Rules and Regulations.
3. That the septic system be pumped and inspected yearly with all reports submitted to the Health Department.
4. This variance shall be terminated upon the sale of the home.

50 MAIN STREET - VARIANCE TO PERC RATE:

The owners of the property located at 50 Main Street seek a variance from Acton Rules and Regulations and Title 5 for excessive perc rates. The perc rate at this property is 45 mpi. The system recently failed an inspection. This variance will also need approval from the State.

On a motion made by Mr. Bosworth, seconded by Mr. Heinrich, the Board unanimously voted to grant this variance for perc tests over 30 mpi to 50 Main Street with the following conditions:

1. The owner shall modify or replace the existing septic tank with a water tight receptacle providing five (5) days storage capacity or a minimum of 2,000 gallons, whichever is more.
2. That an alarm be installed with a float or level switch set in the tank at two inches above the outlet invert.
3. That the tank outlet pipe be fitted with manual operating valve or gate that allows the pipe to be sealed thus converting the system into a tight tank, should the replacement leachfield fail.
4. That the replacement leachfield area be oversized with a minimum of 1,485 square feet of sidewall.
5. That the owner agree to have the tank pumped annually and provide the Board of Health with the hauler's receipts as evidence of such.
6. That these stipulations be placed in the deed to the property.

NATIONAL TECHNICAL SYSTEMS - N.T.S. - HAZARDOUS MATERIALS PERMIT:

N.T.S. represented by Joseph Henry & Associates seek a hazardous material storage permit for their property located at 1 Post Office Square. A detailed hazardous materials review was submitted to the Health Department for review. Upon inspection of the facilities conducted by the Health Department it was noted that more storage room was needed. N.T.S. has proposed to build that added storage area therefore requiring site plan

approval. One condition placed on that approval was to obtain a Hazardous Materials Storage Permit. The Health Department feels that the addition is badly needed for the storage of the Hazardous Waste in order to assure safety. The Board stated that N.T.S. should seek alternatives for their use of Freon. N.T.S. has placed a great deal of emphasis on educating their employees about the dangers of using any hazardous materials.

On a motion made by Mr. Heinrich, seconded by Mr. Bosworth, the Board unanimously voted to grant a Hazardous Materials Storage Permit to N.T.S., 1 Post Office Square with the following conditions:

1. Water used in the "Loca" Systems room for washing of equipment, once testing is complete, shall be retained within the Autoclave for proper disposal with a permitted hazardous materials disposal company.
2. The discharge for the boiler blow-off shall be tested by E.P.A. method 601 for organic chemicals. In addition, it shall be tested for heavy metals. If contamination levels are above Water District, State or Federal levels the discharge shall be collected on site and disposed through a permitted hazardous materials disposal company.
3. A fire and explosive proof storage locker shall be provided in the Explosive Atmosphere Room for the various preparatory and cleaning products as well as the vacuum oils. In addition, all containers used to transfer liquids shall be properly labeled and not allowed to be switched between chemicals. Bottled gasses shall be properly chained and secured and kept as far away as possible from the storage locker and environmental chamber.

4. An alternative method of dispensing Freon-113 in woodworking/maintenance room shall be submitted for the Health Department's approval. All containers shall be properly labeled in this area and shall include proper handling/disposal practices.
5. A report shall be given to the Board of Health within ninety days after receipt of this permit regarding the possible alternative, non-solvent based cleaning solutions that could be used on site. In particular mild alkaline or ammonia based products should be examined as alternatives to Freon-113. In the event a substitute is found it shall be put into use as an alternative for Freon-113 within six months after the Board receives the report.
6. Certification of educational programs for all on-site employees shall be submitted to the Board of Health annually regarding the proper waste handling and storage practices and the vulnerability and proper care of the septic system. Special emphasis shall be placed on the handling, storage and disposal of the major materials employed by N.T.S., including the small quantity generation and storage issues of all materials.
7. All chemicals stored in the main testing lab shall be properly segregated from ancillary equipment.
8. Bottled gas shall be properly secured in the vibration room. Speedy-dry or another absorbent material shall be placed easily accessible for all hydraulic oil leaks and spills.
9. Dedicated hazardous materials storage lockers shall be placed in the Environmental/Climatic Chamber & Fungus room for the materials employed in those rooms.

10. Prior to a building permit being issued for the proposed new construction, waste oil storage drums in the Outside Storage Area shall be appropriately labeled using proper hazardous material management protocol. In addition the waste drums shall be covered with a water proof tarp to minimize corrosion from precipitation. The number of waste oil drums in this area shall be kept to a minimum by having more frequent pick-ups from a licensed waste oil transporter. All records of the removal of hazardous materials from site shall be provided to the Health Department annually.
11. Prior to a building permit being issued for the proposed new construction, drums that are actively dispensing product or receiving wastes shall have a containment vessel under the dispensing pump or funnel. In addition, waste collection drums shall be properly marked. All materials not associated with the storage of hazardous materials shall be removed from this area and stored in an alternative location.
12. Prior to occupancy of the proposed addition the site shall be in full compliance with the Hazardous Materials storage permit and with all recommendations cited by Joseph Henry & Associates in their report of March 7, 1990.

LOT 6 ESTERBROOK ROAD - SPECIAL PERMIT FOR WORK IN AN AQUIFER:

The owners of Lot 6 Esterbrook seek a rehearing of a special permit for work in an aquifer. The sewage disposal permit previously granted by the Health Department lapsed, therefore requiring a new sewage disposal permit and a new special permit. In reviewing the conditions imposed on the previously issued special permit, Mr. Halley noted that the conditions were different than the conditions imposed now. The percolation rate for the property is less than 2 minutes per inch and the plan submitted has been

designed with pressure dosing of the system. The depth to groundwater is 7 1/2 feet.

On a motion made by Mr. Heinrich, seconded by Mr. Bosworth, the Board unanimously voted to grant this special permit for work within an aquifer to Lot 6 Esterbrook Road 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 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.

On a motion made by Mr. Bosworth, seconded by Mr. Heinrich, the Board unanimously voted to adjourn at 10:00 P.M.

NEXT MEETING:

The next regularly scheduled meeting will be held on April 23, 1990 at 7:30 P.M. in Room 126 of the Town Hall. The following meeting will be held on April 30, 1990 in Room 126.

Respectfully Submitted,

Sheryl Howe

Sheryl Howe, Secretary

Signed and Approved,

Joseph Giannon

Joseph Giannon, Chairman