

BOARD OF HEALTH MINUTES
TOWN BUILDING- HEALTH OFFICE
SEPTEMBER 11, 2017

The meeting was called to order at 7:00 p.m. Present were Elisabeth N. Brewer, M. D. (EB), Susan E. Green (SG), Brian J. McNamara (BN), John G. Schuler, M. D. (JS)(7:20 P.M.) and Arne Soslow, M.D. (AS). Also present were Julia Junghanns, (JJ) Director of Public Health and Patti White Department Assistant

7:00 p.m. Public Comments - Brud Wright of the Recreation Commission

Mr. Wright was not aware that the turf fields were to be discussed at the last Board meeting on 8/14/17. The Recreation Commission is looking to set an artificial turf field at the Loker Recreation Area and replace the Artificial Turf field at the High School. Kathy Steinberg from the School Committee came to the 8/14/17 meeting to discuss the high school turf field project. Ms. Steinberg informed the Board of the forum tomorrow (9/12/17) at 7pm to discuss the turf fields and options for infill products. Most recent studies have shown the older crumb rubber infill was from tires, if the Recreation Commission chooses to have crumb rubber it would be a higher quality rubber product not from tires created in the United States.

7:10 p.m. 25 Snakebrook Rd. Local upgrade requests for a septic system repair using active innovative and alternative technology (Jet System), owner- Sydney Bradspies, Engineer- Grady Consulting, LLC

The existing septic system, a single cesspool, was not Title 5 inspected and not expected to pass. The proposed system will be a repair for 3 bedrooms, the system is being upgraded from a cesspool and they will be using alternative technology, per request from Conservation Commission

3 local upgrades are being requested:

- 1) Reduction in SAS setback to cellar wall from 20' to 15 '(40 mil barrier being included)
- 2) Reduction in separation between SAS and high groundwater from 4' to 3'
- 3) Use sieve analysis in lieu of perc test.

There will be an O & M contract (moving parts) should we set up an escrow account (equal to the yearly maintenance fee)- what is the annual fee?

The Board wishes to set discussion item for future agenda item - we need consistent policy regarding active I/A systems— to require an escrow account and what the calculation of the fee would be

AS: Motion to grant 3 local upgrades for the septic system repair at 25 Snakebrook road; Reduction in SAS setback to cellar wall from 20' to 15 '(40 mil barrier being included), Reduction in separation between SAS and high groundwater from 4' to 3', Use sieve analysis in lieu of perc test. The Board requires an escrow account for 1.5 times the annual O & m fee. Approval per septic design received 9/1/17. Second EB, yes- AS, SG & EB- No BM- Abstain JS.

7:30 p.m. 38 Stonebridge Rd. - Discuss New Construction project with Innovative and Alternative technology to reduce nitrogen on an undersized lot, owner Kevin O'Leary of Jillson Co.

The property at 37 Stonebridge Rd, is a 37,309 sq. ft. lot., in a septic Zone II, with an existing 3 bedroom house, no wetlands, soil testing was done last year in the rear of lot. Mr. O'Leary is proposing the use of a passive I/A treatment to reduce nitrogen, as he cannot meet the requirement to install a 4 bedroom septic system. The

proposed I/A Elgin Geotec sand filter has no moving parts. There are currently no plans to add the 4th bedroom; approval would be requested for a possible future use.

The Elgin Geotec system uses trench modules (2x4 plastic boxes), like a galley system using curtains of geo textile fabric. This product gives more surface than a conventional pipe and stone. BM: what are replacement requirements for filter? KO: there is no need for replacement. This is a gravity flow, no moving parts, treatment in tank, the plastic box modules, treats again and finally with the sand.

A 4 bedroom conventional system would fit, but the lot is not 40k, as required for a Septic Zone II, so the I/A system is being proposed with the 40% reduction in size. Looking to include garbage disposal. This system has been installed by Jillson in Dover. This is a Zone II so it would need nitrogen reduction

The Board has request Mr. O'Leary provide the information to show the proposed I/A system will reduce nitrogen.

JS: this system has been tested for 3-4 years, but we have not seen one installed in Wayland, how do we know this system will not fail in 3-4 years. KO: we can get monitoring information for piloting from DEP. JS: can JJ get some reports to show the system is operating properly.

7:50 p.m. 74 Moore Rd. Conservation cluster- comments to Planning Board

A Conservation Cluster requires the proposed plans to show that a full system could be designed; the process for a Conservation Cluster is an easier process than a standard subdivision. The design plans presented will keep the existing house at #74 and will be creating two additional new house lots behind the existing house. The proposed house in the rear of the lot showed the soils were poor, the tests at the very front (by street and driveway) would be better. The new proposed middle house would have a septic in the front, wetlands are in back, all lots are over 50k

JJ: All proposed lots must meet new construction requirements and do all perc testing. All Lots are in a septic Zone II, with the lots sized over 50,000 sq. ft., they could build houses as large as 5 bedrooms per lot. We would need to see detailed septic designs.

8:00 p.m. Update on High School Wastewater Treatment Facility

Fire Chief Houghton came to update the Board regarding the accidental chemical event that occurred on September 6, 2017 at the Wastewater Plant for the High School. The situation was an accident, the Chief stated that he feels the facility operator from Whitewater did everything right, after the situation was discovered. At approximately 1:20 p.m. the Wayland Fire Department was called regarding a chemical reaction taking place at the Wayland High School Wastewater Treatment Facility. There were 2 half-filled drums of chemicals (that were believed to be the same products) that were combined into one drum. Shortly after combining products, the operator saw the drum starting to expand; he then moved the drum to a safer/better location and called 911. Fire arrived and requested State Hazmat Assistance. The Hazmat team started to cool drum with water and then obtained bags of ice to keep cooling process ongoing. By 6pm, the drum was still at 98 degrees, with the air temp 79 degrees. There was no release of product, so there was no need for DEP notification. Clean Harbors was contacted to pump and remove the materials and container for the site.

JJ: there was a meeting planned for the next day to do a walk-through of the Wastewater facility with the Health Director, Bio Process Rep (New England), Paul Brinkman, Town Engineer, Don Martinage and son, designers of the system and Chris Hayward from Whitewater, The Fire Chief joined the meeting.

Chief Houghton has provided the initial incident report and brought the Board an update report from the Follow up meeting.

Whitewater operates the Treatment plants at the High School and Town Center, the Wastewater Management Commission oversees the Town Center plant, the High School system is managed by Whitewater and overseen by School Committee.

AS: Should we recommend that a consultant be hired to go over all this for the Town and look at proposed repairs and other issues that need to be addressed.

JJ: it is expected that the system at the High School may be up and running again in the next few weeks.

BM: can I see the O & M manual?

Linda Segal: I attended the School Committee sub-finance committee and inquired about the money being spent at the High School Treatment Plant for their current problems. The committee was to discuss with Ben Keefe regarding the Treatment Plant at the HS. It was expected that Ben Keefe will be presenting a report to the sub-committee on September 20th regarding the plant.

WWMC has been looking for someone to assist them with their plant at Town Center.

BM: Motion to recommend that an Executive Director be appointed (with appropriate credentials and experience) to oversee the 2 Wastewater Treatment facilities at Town Center and Wayland High School.

As second vote 5-0 all in favor.

8:30 p.m. Review draft Board of Health Budget

The salary numbers shown on the draft payroll budget do not reflect the union contract salary increases, the increases will be presented for approval at the Fall Special Town Meeting in November and will be added to the budget by the finance committee after Town Meeting.

The Non salary budget was reviewed and the requested increase to \$62,500.00 annually by Human Relations Services for School Mental Health services was discussed and approved.

EB: Motion to approve the draft budget as presented, with the increase for HRS to \$62,500.00. Second AS: vote 5-0 all approved.

8:50 p.m. Food permit fees at the high school concession stand

The serving of food at the High School concession stand was recently brought to the attention of the Health Department. The question was raised as to who will pay fees for food service at the facility and how much they will pay. The Board feels there is not yet enough information regarding who uses the facility and how often food is served there. The Wayland Boosters Club Staff will change the locks on the building and will oversee groups requesting to use the concession stand. The Boosters Club will require potential users to file a temporary food application with the Health department and the staff of the Health department will continue to monitor who uses the facility and how much time is being spent on plan reviews for events being held there. Once there is enough information, it will be brought back to the board for their decision on who will pay for events and what the charges will be.

8:55 p.m. General Business

There were no minutes reviewed.

Next board meeting scheduled---September 25

9:30 p.m. EB: Motion to adjourn- Second SG, vote 5-0 all in favor

Respectfully submitted

Patti White

Department Assistant

091117 minutes

APPROVED102317