

Board of Health Minutes  
052912

The meeting was called to order at 7:30 p.m., present were Tom Klem (TK), chair, Michael Bean (MB) and Cynthia Hill (CH). Also present were Julia Junghanns(JJ), Director and Patti White, Department Assistant.

7: 30 p.m.       **Public comments:** Kim Cook, 12 Ellie Lane regarding septic systems in environmental areas; specifically regarding the Town owned land discussed at town meeting. Mrs. Cook has concerns regarding the present and future septic systems for 24 & 26 Lakeshore drive, and the properties on either side of those properties. The property at 30 Lakeshore Dr. is in failure. Mrs. Cook is asking BOH for support. She has questions regarding the Warrant Article for Town Meeting as to why there was not written notification to the Concom/BOH to ask their comments regarding the sale of public land. Mrs. Cook references Julia's letter of 4/18 regarding the properties at 24 & 26 Lakeshore drive.

Mike Lowery,120 Lakeshore Dr. representing self, Dudley pond area and the Dudley Pond Advisory group, they have been looking at all town owned properties, to try to identify the best uses for the land. Mike also gave Ms. Germain and the Board information regarding water drainage & reuse solutions. The Board of Public works is considering not allowing abatements for irrigation system, which have been wasted due to system failure. Being discussed—BoPW looking to ask to ban water use for owner of private well, still subject to same limitations for water use.

7:45 p.m.       **27 Woodland Road- Irrigation Well Permit Request- owner Nancy Germain and David Schofield- Schofield Engineering**

The green cards for abutter notification have been received into record. Ms. Germain wants to obtain a permit to construct an irrigation well but due to the small size of her lot the offset distances as required in our regulations cannot be met. Our regulations require for more distance then state regulations, our regulations require 100 foot offset, state regulations require 25 foot distance. Wayland looks at both irrigation and potable wells as the same requirements. Ms. Junghanns did a poll of adjacent towns regarding their well regulations

DS: The location of the proposed well has been relocated, two separate locations have been identified on new plans submitted.

Resident at # 53 Woodland Rd. is concerned that he would be impacted when he needs to upgrade his septic system if distances to the irrigation well are required to be met or if he has to apply for a variance from a future septic system to an irrigation well (100 foot offset cannot be met). At this time his property is served by a cesspool and he would need a septic tank and some type of compliant leaching area.

Andy Irwin 73 Plain Road wants to be sure the water is for irrigation not for potable use (and not for converting to potable use), that there were no outside spigots. The Town Well regulations were set for a reason, if they allow the variance for a non compelling reason, then it will be open to all. The Town of Norwood had a list of requirements to protect irrigations wells from potable use.

Ms. Germain (the applicant) has withdrawn application for a well.

**TK: Motion to accept the withdrawal approve the withdraw without prejudice second CH VOTE 3-0**

8:23 p.m. Don Ouellette discussion regarding Sodium levels in the town wells:

Mike Wegerbauer has arrived at the meeting

Most of the testing was done in February and March; range goes from 26 to 32 with the exception of HH which came in between 63 and 72. Drinking water regulations from MDEP requires all suppliers to notify MDPH, MDEP and local BoH of concentrations over 20 ppm. Anyone on low sodium or salt restricted diet must be made aware that they are receiving part of their daily sodium allotment through their drinking water. (see list of many towns and their limits of sodium) The Wayland Happy Hollow wells are just in front of the pit where 25-35 yrs. ago, the road sand/salt products were stored and mixed. As a result of this storage area, there may be more sodium in the HH wells, they are not filtered and are the best water in town, with just the sodium in those wells. HH well water is co-mingled with all other wells. Baldwin pond treatment plant just came to full functionality this past year after the well lines were just replaced. Last Thursday Reeves hill (the final storage area) was tested and the tank came in at 39 ppm. CH: how much sodium is in the chlorine that is added to the water? DO: sodium hydrochloride is the agent that is added to the water.

When the new Wayland High school was built, the parking lot was moved as far from wells as possible. The DPW has stopped putting road salt at parking lot at high school. Town wide, they are mixing 50/50 salt/ sand mixture over the previous salt only. They are hoping to possibly move to 70/30 mix in the future.

Andy Irwin: is asking for clarification- what product is being added to the water- sodium chloride or calcium chloride? DO: some calcium is being used liquefied and being sprayed on the sand. AI: Requesting to use only the calcium chloride, to protect the wells. Requesting low salt areas when sanding. DO: Sodium chloride is less expensive and requires different equipment. DO: will investigate towns that may use the calcium chloride. Water is being tested quarterly for sodium now.

BOH staff will adjust the visibility of the sodium notification on the BOH website.

Sherre Greenbaum: when was the HH well last tested? DO: tested in February will be retested in May.

DO: believes the EPA levels are being raised to 25 or 30.

Frank Kennedy of 84 Old Sudbury Rd: Purchasing bottled water as he is concerned about the amount of chlorine and is also on a low salt diet. Spring water supplier lists their product has 6mg of sodium per liter.

Lisa Newton of 23 Sycamore Road: Does a Brita filter take out sodium? DO: I do not believe that it does.

DO: Sodium levels have not changed in the past 12- 14 months. Cynthia Hill:54 Orchard Rd. has noticed a very strong chlorine smell in her water.

Linda Segal, 9 Aqueduct Rd. (near villa restaurant), the chlorine odor is perceptible in the shower, and even in the toilet.

DO: will test to be sure there are no bacteria, and he will check the testing to see why the chlorine is so strong.

Kurt Tramposh of 2 Weir Meadow Path is asking about water softener systems, should residents be reminded that they are adding additional sodium to their intake above the sodium in the water alone. He will continue to send data to BOH.

**8:51 p.m. Andy Irwin as a member of the Conservation Commission (concom): regarding septic systems in environmentally sensitive areas.**

Two sensitive areas of discussion

1) DEP Zone 2 protection for drinking water wells. (zone two map) 2) many zone 2 areas are also in wetlands, BoH regulations require a 75 ft setback from wetlands.

Concom requires a 75' setback from wetlands, they have a concern regarding situations when a variance from the 75' is being requested. Aside from the significance of the setbacks, there is also the removal of soils that may effect conservation or wetlands.

Removal of garbage grinder as a garbage grinder increases the size of the leaching area by 50%. Our BoH Septic Regs incorporate garbage grinders and leaching areas are required larger in size then state requires (regardless of whether a grinder is used or not). Staff does not recommend garbage grinders. What are some ways to minimize nutrients loading? As of 2001 information obtained from DEP regarding Innovative and Alternative Technology (I/A systems) lists over 50 vendors and thousands of installations for nitrogen reduction systems. A flyer was provided from Concom regarding I/A systems.

JJ: many of the I/A technologies approved by Dep are still being tested and monitored by the state for effectiveness and have not yet been proven effective. We don't know what would happen if a system does not prove to function effectively and do what it was intended to do (remove nitrogen/BoD reduction) JJ: most of the oversight of the I/A program has been delegated from the state to the municipalities, creates a lot of red tape and follow-up as many people default on their maintenance contracts.

WWDC can allow for small community systems, if you can fit the system on the property with the alternative to use an offsite system. The mechanism was created to serve smaller lots. What is the purpose of maximum feasible compliance? JJ: As outlined in Title 5 Maximum feasible compliance is: doing the best that you can on a difficult lot and allowing for certain outlined variances or local upgrades without placing undue hardship on the owner. There was discussion of betterments being allowed for I/A systems. Betterment guidelines in the Title 5 program are for failed systems only at this time. Some current projects Old Sudbury Road & 15 Concord Rd. Both properties had reduction of setback down to under 50 feet.

Discussion of ongoing working relationship with the Concom regarding proposed wetlands variances setbacks. Andy doesn't want us to approve setback for reduction to wetlands, that will trigger a back and forth from BoH to Concom/BoH.

Mike lowery paid for investigation for shared system for 4 properties including (122-124 lakeshore) report on this shared system using town owned land is in the property file 120 Lakeshore rd. This was not proceeded with.

Linda Segal- 9 Aqueduct Rd.- speaking of the possible future water treatment plant. Follow-up from town meeting looking at disposing of the property 52 Hawthorne 2006- 2007 warrants, voted to sell parcels that are still town owned. Linda will get list of properties to investigate.

9:35 p.m. **9 Lake Road Terrace, Variance for new construction septic system. Ted Doucette, PE for owner Paul Pichetti:**

Looking for alternative system for new construction no wetlands, not in a zone 2. 2001 system approved for a 3 bedroom. Regulations and ownership have changed. New plans are now subject to the new I/a policy and the minimum square footage. Requesting to use infiltrator chambers. The chambers are more easy to construct due to the size and shape of the lot, The chambers have no moving parts and no maintenance contracts. Present system is a cesspool from 1963.

**Mw: the Board is delegating this decision to the BOH director Julia Junghanns working in conjunction with Ted Doucette and the homeowner. MB second. Dated 05/09/12 all in favor 4-0**

Re press release for the reporter from the Boston Globe regarding the property at 399 OCP.

Revised by BOH (with small grammatical changes)

**Motion TK second CH all in favor 4-0.**

BOH is the only board that address and phone number for Board members on the Town website. TK : modify website to Board member name and year of term. Remove address and phone number. Requests for contact of Board members to be filtered through director JJ.

**TK: Motion to approve minutes of 9/20 11 and 3/26/12 (as revised) second MB all in favor 4-0**

**TK: Motion to approve William Murphy as Sanitarian/Health agent for term ending 6/30/13**

**TK: Motion to approve Julia Junghanns as the inspector or Milk and Cream ending 6/30/13**

**TK: Motion to approve Cynthia Bryant as alternative agent for Burial permits. To end 6/30/13.**

BOH meeting date for 6/11/12 and 6/18/12

We will not have a quorum for scheduled meeting on June 4, 2012, to be re-scheduled to June 12, 2012. We have two abutters that have sent out certified notices, we will have a board member to come to the office to continue the meeting to avoid having to repost and resent the certified mail notifications. Cynthia will arrive Monday 6/4 to continue the meeting to 6/12. Set up room and post meeting.

TK: motion to adjourn second CH Vote4-0 all in favor

Respectfully submitted  
Patti White  
Department Assistant  
052912minutes  
Approved 031714