

**EAST AMWELL BOARD OF HEALTH MINUTES - DRAFT**  
**7:30 p.m. East Amwell Municipal Building**  
**April 24, 2018 – Regular Meeting**

**Statement of Compliance**

The regular meeting of the East Amwell Board of Health was opened on April 24, 2018 at 7:30 PM. The following notice was read, “In compliance with the Open Public Meetings Act, this meeting was advertised in the February 8, 2018 issue of the Hunterdon County Democrat. Notice of this meeting was forwarded to the Township Clerk’s office, posted on the Township bulletin board, and sent to the Hunterdon County Democrat on April 17, 2018.”

**Present:** Tracy Carluccio  
Les Hamilton  
Larry Tatsch  
David Wang-Iverson  
Pauline Serafin  
Leonard DeCandia, Alt. 1  
Janis Grover, Alt. 2

**Excused:** Dan Wyckoff - Hunterdon County Division of Public Health

**Absent:** Peter Miller

**Announcements/Agenda Review:** Several additions to the agenda were noted –

- 6) Board of Health website organization
- 7) Tabby’s Place 1<sup>st</sup> quarter 2018 well usage report and Hunterdon County Dept. of Health memo on Recreational Bathing Facility Requirements.
- 8) Two additional bills

**Presentation of Minutes** – March 27, 2018 Regular Meeting Minutes

Motion by Mr. Wang-Iverson, seconded by Mr. Tatsch and carried unanimously to approve the minutes with minor typing corrections and correct spelling of Mr. Wang-Iverson’s name provided by Mr. Wang-Iverson and Mr. Hamilton.

**Open to the Public**

The meeting was open to the public for comment. There being no comments, motion by Mr. Wang-Iverson, seconded by Ms. Serafin and carried to close to the public.

**Unfinished and New Business**

**HUNTERDON COUNTY DIVISION OF PUBLIC HEALTH INSPECTOR’S REPORT:**

Mr. Wyckoff was unable to attend and sent a report for which Ms. Carluccio provided an overview of key items for the benefit of the public present. Mr. Wyckoff’s notes are inserted below.

1. Speedway – Block 15.01, Lot 2: We have requested copies of the April inspection report and pump receipt. They were not automatically sent to us. The tanks were clean and there was no evidence of sewage breakout. The repairs to the septic mound have not been completed yet and I have requested the proposed completion date for that work. I have also asked for a report explaining what may have caused the system to breakout and what actions were taken to eliminate the problem. We will continue to monitor the system and follow up on our requests.

2. Asphalt Millings – Block 30, Lot 20: The matter has been abated and the complaint has been dismissed. A copy of the letter from Hunterdon County Counsel was provided. This matter is closed and can be removed from the agenda.
3. King Construction – The letter was sent to accompany the revised set of septic system plans for Block 38 Lot 16. The preview Committee will be getting the plans to review once the Engineer seeks approval to install the system. East Amwell Board of Health Waivers are required. There is nothing more to report on this matter.
4. 40 Boss Rd – The property owner responded to the Notice of Violation. The property owner requested to be allowed to remove the unnecessary items from his property during East Amwell Township Clean Up Day on April 28, 2018 and that was granted. The property owner will be showing proof of disposal to this division before the matter can be considered abated. A physical inspection of the property will be made.

Ms. Carluccio stated there was nothing else submitted by Mr. Wyckoff who will be back to attend next month's meeting. There were no questions or comments.

#### PREVIEW COMMITTEE

Christopher Thomas, 58 Saddle Shop Rd – Block 33 Lot 31 – The plans were designed and submitted by Debra D'Amico – P.E. Ms. Carluccio stated that the preview committee reviewed the submission. One problem was we didn't have small plat of the data and not everyone could review it in advance. The Preview committee was able to see and use the large sheet provided. Large maps were distributed to Committee members for review.

Ms. D'Amico explained that they are replacing a failing system. It is a family home and the system is located in a farmer's field, which would minimize disruption to surrounding properties and systems. They have performed several soil field tests.

Ms. Carluccio asked what they are recommending and Ms. D'Amico said pre-treatment & a HOOT system (an advanced treatment system) is what we are proposing. Ms. Carluccio asked clarification of some confusing words in it that need clarity. It states there is a malfunctioning system, in a 4 bedroom dwelling, not 3 bedroom home; this was corrected to 4 bedrooms. Also because this is a repair for an existing home without modification to the home, the Board is allowed to consider waivers from the state and East Amwell Codes if the Board agrees that the design is improving service.

Ms. Carluccio asked why they are proposing a drip disposal versus a mound or other advanced treatment system. Ms. D'Amico stated that they couldn't find a location from the limiting zone to the zone of treatment. Further the percolation rate on lot is very slow, and so the best solution is to slow drip so the ground can absorb better. Ms. D'Amico said there were a couple of failing tests elsewhere on property, and that she wants the best solution.

Ms. Carluccio stated that Code says five tests are required, and we didn't have them all. Why didn't they do more, when several tests had failed? Ms. D'Amico said they didn't want to begin introducing negative data & create more issues and confusion when they had identified what they consider to be the best solution. The County had reviewed & agreed this was an acceptable solution. Ms. Carluccio asked if the slowest percolation rate was used to calculate the design of the system. Ms. D'Amico said yes it's 0.96 and that's the best they could make it.

Mr. Wang-Iverson said we should reference sheet two of three in the septic design & details for this information. Ms. D'Amico stated that 0.54 was on the first sheet and is an error, it should be 0.154. Also under #40 "a waiver required" is an error and needs to be changed.

Mr. Wang-Iverson stated three perk tests were done but there is no value for the third. Ms. D'Amico said that the last one was not in the field. Ms. Carluccio said we can consider accepting less than five tests, and we should make it a condition if we are going to do that. Mr. Wang-Iverson said it would also have all required deed restrictions for an Advanced Treatment System.

Mr. Tatsch asked if the property is considered in the mountain zone. Ms. Carluccio said she didn't think so but it would have to be checked. Mr. Tatsch said we typically require on the drawing that a radius be drawn as a circle around water well, to be clear. Please add it to file. Mr. Wang-Iverson said the distance from well to tanks on the maps just meets the separation distance requirement. Mr. Tatsch said yes 200 feet to the septic bed. Mr. Wang-Iverson asked if there are neighboring systems nearby, and Ms. D'Amico said no there are not.

Ms. Carluccio said that the Hunterdon County letter referenced the HOOT system, and drip dispersal system as Advanced Treatment Systems that need our approval. East Amwell code requires a minimum design of 2.08sqft/pg/pd which would be a minimum of 1,352 square feet, but the advanced treatment unit calculations would be less than that. Also there was a mix up in calculations that are noted in the County letter which should be square feet not linear feet. Mr. Wang-Iverson referred to field data and said he thinks Mr. Vacarella had switched the numbers, which needs to be corrected.

Ms. D'Amico said that on sheet two, note 2.3, it is stated that each zone shall consist of four drip tube laterals. Each tube/lateral from supply to return shall be 234' long on 2 ft. centers with flow emitters spaced 2 ft. on center. Total length of drip tube is  $4 \times 234' = 1056'$  per zone. Ms. Carluccio said if approved, the number on sheet two note, 2.3 from the large sheet/map should be used, not the number from the Hunterdon County letter.

Mr. Tatsch asked does 32 feet include zones 1 & 2, and Ms. D'Amico said yes.

Ms. Carluccio said there is only one soil log w/in the septic bed and there should be 2. Ms. D'Amico said that soil logs around the site were consistent, so we can assume it will be consistent across, log after log, and 17 logs were done.

Ms. Carluccio said that soil log 4 didn't get anything and 10 was similar. There looked to be no place to go deep. Ms. D'Amico said it is shallow & so drip system was the best way to go. The tests showed rock, that it was all shale out there. Ms. Carluccio said more soil logs could be required, or perk tests if

we feel they are needed, and not waive the fifth test. Mr. Tatsch asked about soil logs 15 and 16, were they consistent with others? Ms. D'Amico said without looking at it right now, I can say they were consistent when I reviewed them. Mr. Tatsch said 15 and 16 are closer to center of the lot, further in, and 15 is pretty much dead center on lot. Ms. D'Amico said yes they are consistent.

Ms. Carluccio said Walt Wolf's witness notes were reviewed as well and his soil log witness report had similar results. There are not many applications where the entire parameter is tested, and there is a good indication they will be consistent across site. Mr. Wang-Iverson agreed that more tests are not needed.

Ms. Carluccio asked if the Board had any additional questions, and there were none. She stated that the Board's approval would state that the HOOT system and drip dispersal system as Advanced Treatment Systems are approved, that the waiver for allowing the reduced size of the septic field is allowed; and the waiver given from state code & East Amwell Township code to use 4 percolation tests versus 5 percolation tests is approved. Because this is a repair of a malfunctioning system with no expansion the Board can allow and give waivers from the State and East Amwell Codes.

Mr. Wang-Iverson moved to approve with those waivers and conditions. Mr. Tatsch seconded with all in favor – no abstentions.

Thomas & Kymberly Gardner - Block 30, Lot 6.01

Bill Jupinka, Bayer-Risse Engineering presented the application.

Ms. Carluccio said the preview committee reviewed the application, including the letter listing items to be acted upon.

Mr. Jupinka said it was an abandoned house, completely refurbished and in need of a new septic system. The majority of the lot is off limits because of JCP&L restrictions for the company's right-of-way, restricting them to use of half of the property on west side. It has wetlands. Originally they had assumed the well was under back porch, but later saw that the well was further back on property.

Mr. Jupinka said the soil tests showed high mottling and a shallow water table & groundwater mounding. Mr. Wang-Iverson asked if the JCP&L power lines means nothing can be put under them. Mr. Jupinka said there is nothing overhead but there may be a pipeline. Mr. Wang-Iverson asked if the pump tank could be shifted to be further away from the well. Mr. Jupinka said there could be drainage problems because the land is extremely wet and with wetlands, they are avoiding that corner.

Mr. Wang-Iverson stated East Amwell's code requirement of using 2.08 gal/sq.ft/day to calculate the sizing of the field was met.

Ms. Carluccio asked why a pit bail test was not done. She noted that the high water table is at 16" and the state code requires 24", and that the soil log was not within the required proximity to the septic field. Mr. Jupinka said when surveyors came out they found they were around 15 feet away and they found out after the fact the correct location of the existing well. The lot is very constrained. Ms. Carluccio said the disposal bed is not 200 feet from the well, as required by East Amwell. Mr. Jupinka said we tried to maintain the greatest separation but could only get 140 feet separation distance. Ms. Carluccio said the

tank is 63' versus 100' from the well and the pump tank is only 70 ft., all needing waivers. The EPA water tightness test of the tank is important to ensure no leakage of untreated sewage.

Mr. Tatsch asked about the well - is there any patio or deck over it? Mr. Jupinka said no. Mr. Tatsch asked if there is any casing extending above grade, and Mr. Jupinka responded no, there is not. Mr. Tatsch said it would be good if the casing could be brought up to grade, and Mr. Jupinka said they will do that. Mr. Tatsch said that would also reduce issues from any faulty seal. Ms. Carluccio said they could make that recommendation, and also noted that the applicant had received a state GP 24 permit for wetlands.

Ms. Carluccio asked if the Board had any further questions, and there were none. She further stated that the items in the County letter for waivers need to be approved and that the requirement for a copy of the GP24 for wetlands should be added as the seventh required item. Mr. Tatsch moved to approval with items stipulated & a recommendation that the well casing be brought to grade. Mr. Wang-Iverson seconded. Ms. Carluccio pointed out that these waivers can be considered because this new system is repairing a malfunctioning septic system with no expansion, is improving the system for the existing house, and bringing it more closely in alignment with current state code. All agreed. None opposed – so carried.

### **Items of Discussion**

**Education and Health Issues:** Mr. Tatsch said a new tick was discovered in Hunterdon County. It is so far free of tick-born diseases. The finding was confined to one pasture in Hunterdon County on sheep. Ms. Carluccio said that when the sheep were shorn, one was totally infested with these new ticks, and it is an Asian tick.

Ms. Carluccio brought up that the Board hasn't yet done the annual salt testing of selected water wells because a change in secretary. This is action for Ms. Georgett to set up for next month by looking at the file from last year for winter road salt testing.

### **Board Secretary Report:**

Ms. Georgett shared that 23 annual food licenses had been issued for 2018, and all establishments that were sent a reminder of renewal that are still in business are covered. Ms. Georgett shared a copy of the current view of the Board of Health section of the East Amwell Website, and asked the Board if there was an opportunity to improve placement and organization of the information. Ms. Carluccio suggested we could organize website under headings: wells, food, etc & place related material & communications under them. Further she stated that we should remove old items and ensure most current information is appropriately placed. The Board will need to find out how the new Township website will be organized and when it will be completed. Mr. Wang-Iverson agreed to help Ms. Georgett identify what is old and can be removed.

Ms. Georgett asked the Board if they would like to provide a thank you to Mr. Van Horn for his service. Ms. Carluccio said there were going to be letters of commendation prepared by the former Board Secretary for prior members Ted Peyrek, Tony Berberabe, and Bogdan Slecza as well as Charlie Van Horn but she wasn't able to do that before she left. Ms. Carluccio asked Ms. Georgett to prepare these using prior letters in the file for review with the Board.

**Correspondence**

Ms. Carluccio said the Tabby’s Place Q1 2018 Meter Reading was received and copies were shared with the Board.

Ms. Carluccio referred to a Hunterdon County Department of Health memo regarding: Recreational Bathing Facility Requirements and that since we did not have any public bathing facilities in East Amwell Township, this was informational only and could be kept on file.

Ms. Georgett said that Well Mitigation device literature had been dropped off by Lynn Ziegenfuss of Well Management and was available for review by the Board.

**Bills of the Evening**

Motion by Mr. Wang-Iverson, seconded by Mr. Hamilton, and carried unanimously to approve the bills of the evening:

- A. Kenneth Polhemus – Soil Test Witness Fee – Blk 16 Lot 14 \$1000.00
- B. Robert Clair – Soil Test Witness Fee – Blk 40.02 Lot 12.01 \$1000.00
- C. Thomas Gardner – Septic Alternation Fee Blk 30 Lot 6.01 \$ 25.00
- D. David Krivoshik – Soil Test Witness Fee Blk 25 Lot 18 \$1000.00
- E. Bayer-Risse for Warger – Septic Alternation Fee Blk 33 Lot 1.05 \$ 25.00
- F. Brian’s Tree Service – Soil Test Witness Fee Blk 38 Lot 28.03 \$1000.00
- G. Ferriero Engineering – Soil Test Witnessing Refund Blanket \$1,348.00  
(Blanket: Warger, Paul, Perzacki)

**Open to the Public**

There being no members of the public present, motion by Mr. Hamilton, seconded by Mr. Tatsch, and carried to close to the public.

**Open to the Board**

Mr. Wang-Iverson said that he had met with Gail Brewi, Environmental Commission Secretary in her role at the building permit office (in West Amwell Twp.), to go over procedures and ensure all Board of Health items are included by the Building Code office when a building permit is under consideration by the building code official. He recommended that Ms. Georgett meet with Ms. Brewi to review procedures for wells, septic, port-a-potty, etc. as required in the Board of Health’s ordinances. For instance, in the septic and well ordinances there are administrative steps such as where to get permits and the sequence of activities. Mr. Wang-Iverson also stated that all must follow Ordinance requirements for portable toilets but only some need a permit. Another example is if someone adds a bedroom to their house, it needs to be reviewed and approved by the Board of Health to assure the septic is large enough and the well is adequate for the addition. He stated that Gail needs to ask about septic system requirements when additional bedrooms, a barn, garage, etc. are involved that would increase the design flow to the septic system. This Board will review new designs if needed.

**Adjournment:**

There being no further business, motion by Mr. Wang-Iverson, seconded by Mr. Tatsch, and carried unanimously to adjourn the meeting at 8:12 p.m.

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Rosemary Georgett  
Board of Health Secretary