

The regular meeting of the Board of Health was called to order at 7:32 p.m. Present for this meeting were the following Board members: Board of Health Chair Tracy Carluccio, Vice Chair David Wang-Iverson, Tony Berberabe, Les Hamilton, Tim Martin, Jim Rosso, Larry Tatsch, Charles Van Horn, and Christine Rosikiewicz, Board of Health Secretary. Ted Peyrek III was absent. Dan Wyckoff, from the Hunterdon County Department of Health, was also present.

In compliance with the Open Public Meetings Act, this meeting was advertised as a regular meeting in the January 27, 2011 issue of the Hunterdon County Democrat. Notice of the meeting was sent to the applicants, filed with the Township Clerk, posted on the Township bulletin board and sent to the Hunterdon County Democrat and the Trenton Times on June 14, 2011.

ANNOUNCEMENTS/AGENDA REVIEW

Ms. Rosikiewicz announced that the following items would be added to the agenda:

Under Education and Health Issues:

Hunterdon County LINC'S dated 6/21/11 re: Increase in Measles Cases – 2011

Under East Amwell:

Letter dated June 7, 2011 from Joan McGee Re: Expensive and Detrimental Road Salt

Under County:

Letter dated June 14, 2011 from Hunterdon County Department of Health re: Notice of Violation, Individual Sewage Disposal System B 42, L8

PRESENTATION OF THE MINUTES – May 17, 2011

Mr. Tatsch motioned to approve the May 17, 2011 meeting minutes, seconded by Mr. Wang-Iverson with minor corrections under Items of Discussion on page 2. The motion carried by unanimous vote.

OPEN TO THE PUBLIC

There being no public present Mr. Wang-Iverson made a motion to close to the public, Mr. Martin seconded it. All were in favor; the meeting was closed to the public.

UNFINISHED AND NEW BUSINESSA. Hunterdon County Department of Health - Inspector's Report**1. OWENS-AKA WOODY'S-B 16, L 11 - 202 OLD YORK ROAD**

Mr. Wyckoff announced that there was nothing new to report.

2. DUNKIN DONUTS

Mr. Wyckoff provided the Board with quarterly water test results. Mr. Tatsch noted that everything is below the detection levels.

**3. NOTICE OF VIOLATION FROM HUNTERDON COUNTY DEPARTMENT OF HEALTH
- B 42, L 8**

The Board addressed a complaint letter from the Hunterdon County Department of Health regarding ponding at a residence on Woodsville Rd. Ms. Rosikiewicz reported that soil testing is being done on the property.

B. Preview Committee

1. Titus, Block 40.01, Lot 43, Septic Alteration, 128 Mountain Rd.

Mr. Wayne Ingram, the engineer for the applicant, approached the dais. Mr. Ingram explained that this is an application for an alteration for an existing three bedroom house with no expansion. The system consisted of a grey water and a black water system; both were encountered during the excavation of the property. The larger black water system appeared to be operating normally and was practically dry. The gray water system was completely saturated to the surface; it is a much smaller system. The washing machine and possibly one bathroom were going into the gray water system. The system failed when tested for a real estate transaction, the new homeowners are currently living in the residence. Four soil logs were performed to locate a proper location. One soil log was done in the black water system. Two additional logs were completed where only soil was hit, no massive rock was reached.

In field testing could not be performed as there was too much water. It was noted that there is groundwater on the property and in the surrounding area. Two soil samples were collected from holes; K1 and K0. K0 failed by 2%. It was noted that there was substantial permeability in that layer. The layer above was K0, there were no concerns about permeability in that layer.

There is a 7 ½ foot zone of disposal with a minimum of eleven inches in that passing layer. Typical for the area is “sandy clay” after the layer of rock. Mr. Ingram doesn’t specifically know if it continues down another 36 inches but is confident that it does.

Since this repair of an existing system with no expansion, the Board is allowed to approve a system that does not meet all State standards as long as the system will perform better than the existing system. The zone of disposal will not meet the full 48” as required due to the high water table on the site.

Mr. Ingram agreed to write a memo to the East Amwell Board of Health to explain why soil classification was used exclusively. A permeability test must be done in the field during open excavation and certified by the engineer under Board of Health regulations.

It was noted that the system is at least forty years old. The main field was dry while the work was being performed; the gray field was wet. It was mentioned that gray water systems are illegal and that two systems are now being replaced with one system.

The location of the system and the existing black water system were discussed.

Mr. Hamilton inquired why a pressure dosed disposal field was being proposed. Mr. Ingram remarked that it would be a “nice added measure”. He also explained that gravity could not be obtained in any bed.

Mr. Tatsch inquired about the number of trees that will need to be removed; Mr. Ingram believed it would be one tree.

Mr. Wang-Iverson moved to approve the system with the following waivers and conditions:

Waivers:

- 1.) The zone of disposal horizon will be less than the 48 inches required by code.**
- 2.) A soil permeability class rating test will be allowed without a perk test to certify permeability.**

Conditions:

- 1.) A permeability test must be done in the field during open excavation and certified by the engineer.**
- 2.) A memo from the engineer must be provided explaining why the soil permeability class rating test was used exclusively.**

Mr. Tatsch seconded the motion. All were in favor; the motion was carried.

2. Mansfield, Block 22, Lot 2.07, Septic Alteration, 4 Rainbow Hill Rd.

Mr. Jim Mansfield, homeowner, Mr. Robert Zederbaum, Engineer, Mr. James Dougherty, Design Technician and Mr. Mark Gould, potential buyer for the home, all approached the dais and introduced themselves.

Mr. Mansfield expressed that he is selling his property and contingent of the sale are the waivers being approved. He has children that attend East Amwell School and is moving to a different home in East Amwell Township.

Mr. Zederbaum informed the Board that the property has a stream to work around. All appropriate areas were tested on the property. There is high ground water table which is the reason the existing system failed. The area where testing was done has the lowest groundwater table, however one log only has twenty inches instead of the twenty-four inches required. Mr. Zederbaum explained that locating the system to utilize the best soils and best elevation with regards to the seasonal high water table while also keeping it out of interference of the well caused the mound to be pushed closer to the property line. By utilizing the five to one slope the full 25 foot separation cannot be maintained, only twenty feet from the property line was possible. The minimum separation distance required by the State will be met. Mr. Zederbaum is also requesting a waiver from doing soil testing for a reserve area as there was no room for it. He noted that the new system is considerably closer to present code. There is no expansion proposed. Since this is a repair of an existing system with no expansion, the Board is allowed to approve a system that does not meet all State standards as long as the system will perform better than the existing system.

Mr. Zederbaum, Mr. Dougherty and the Board reviewed the soil logs tests. It was noted that there will be a pump tank and the new system will be mounded. The original system was installed in 1987; it was not mounded but had a curtain drain.

Ms. Carluccio inquired about the pipe located in the driveway that is documented in note #3; Mr. Zederbaum explained that he does not know where the pipe goes out and that the note is for the excavator.

Ms. Carluccio remarked that a reserve area won't be required since it is a replacement; this is Board policy.

Mr. Tatsch asked about the height of the mound above grade. Mr. Zederbaum replied this it will be four feet on the high end, six on the low end. It was noted by Mr. Dougherty that it is hard to notice due to the grade.

Mr. Martin made a motion to approve this application for a septic alteration with the following waivers:

- 1. The highest regional water table was established at 20 inches in soil log 6 which is higher than the maximum of 24 inches from the surface as allowed by code. There will be still a minimum of 48 inches of separation from the regional water table and proposed level of infiltration.**
- 2. The distance from the toe of the mound to the property line is only 20 feet and not the minimum separation requirement of 25 feet set by the East Amwell Board of Health.**
- 3. No reserve area is required as this alteration is for an existing malfunctioning system.**

Mr. Hamilton seconded the motion. All were in favor, the motion was carried.

C. East Amwell Food License Application (new/renewal)

Ms. Rosikiewicz explained that the Township currently has two temporary food licensing applications; one for events lasting from 1-3 days, one for events four or more days in duration. There is no application for a new establishment. Ms. Rosikiewicz has conferred with Mr. Wyckoff of the Hunterdon County Health Department regarding the creation of a new business food license application. She provided the Board with sample applications from other townships that Mr. Wyckoff sent her via e-mail. The Board discussed the applications and provided suggestions for the new business application to be created. It was decided to combine the two temporary applications into one form for both uses.

Ms. Rosikiewicz would like to put the temporary license application on the Township website along with links to the County Health Department food license information. This will facilitate the licensing process as inquiries regarding temporary food licenses can be referred to the website and applications do not need to be mailed out or picked up at the office. Ms. Carluccio noted the paper reduction as the Township would not have to provide copies of the application. Mr. Tatsch commented on this "good idea" and expressed that he would like to take it to the next step and have the ability to complete the application on line. The website is not enabled for this function yet but it is hoped that it can be upgraded to allow this in the near future.

ITEMS OF DISCUSSION

A. Education and Health Issues

1. Fax: Hunterdon County LINCIS dated 6/2/11 re: E. Coli 0104:H4 Surveillance

Ms. Carluccio asked Mr. Wyckoff if there have been any Shiga toxin E. Coli cases in Hunterdon County; he replied that there haven't been.

2. East Amwell Road Salt Well Testing Report

Mr. Tatsch affirmed that this report was “fairly comparable” to past reports and no trends were noted. Mr. Martin commented how it was unfortunate that two households near the storage location did not participate this year. He will compose a summary of the reports from the last few years and provide this to the residents who tested their wells but are not on the Board.

Mr. Wang-Iverson referenced the letter from Township resident Ms. Joan McGee dated June 7, 2011 regarding “Expensive and Detrimental Road Salt”. Mr. Tatsch explained that this letter was sent to the Township Committee and was read into the record as requested by Ms. McGee. He expressed that he sympathizes with Ms. McGee’s concerns but that without the use of salt some roads become too terribly packed and icy that the Road Department has to actually chip the ice. There are some areas where the road may be flat, shaded or have poor drainage. Mr. Martin commented that although he can appreciate one side of it some areas get a lot of salt; it is not a scientific application in East Amwell.

The well monitoring program in relation to where road salt is being applied was discussed. Mr. Martin explained that the monitoring being done is long term; there will be many more acute effects of salt such as runoff effects to streams and salt in the root systems of trees before it is seen in wells.

Ms. Carluccio informed the Board that the Environmental Commission has been participating in stream sampling in the past; she suggested the streams be tested for salt. Soil testing for salt was suggested but it has too high a cost. Mr. Tatsch remarked that many of the streams are crossing county roads and the Township is not responsible for the salt the county puts down. It was noted that the county and state are “a prime abuser of salt”.

Ms. Carluccio suggested stream sampling and sampling of water in ditches on township roads. This testing would take into account only the township application of salt. The Board discussed the cost and specifics of testing. Mr. Tatsch is concerned about where the salt is coming from as there are township, county and state roads in East Amwell.

Mr. Tatsch addressed the comments from Ms. McGee’s letter that “the Township has abused its discretion and cannot be trusted” and explained that the Township is as careful as it can be with the equipment that they have. Other townships have equipment calibrated with computers to dispense salt; East Amwell does not. Mr. Tatsch believes the amount they are using is “about right”; it’s approximately a quarter cup of salt per square foot. Mr. Tatsch reported that Mr. Kadezabeck, the Road Department Supervisor, is very aware of the concerns and tries very hard to use the minimum possible. He explained that the ill effect of salt on the roads in terms of corrosion is incorrect; there is an effect on mostly older concrete roads and

bridges where the reinforcement bar is not properly treated or exposed. The salt does not affect asphalt paved roads.

Mr. Tatsch referred to the portion of the letter which stated Mr. Matheny recommended a salt barn for \$160,000. He explained that the need for a new barn came up as part of a long range discussion concerning improvements to the present barn. Mr. Tatsch further explained that a barn is needed whether or not there is salt because grit cannot be left outside as it will end up in streams or freeze and be unusable. If the barn was replaced it would cost around \$160,000 but there are plans to repair it and make it usable instead of replacing it.

Mr. Tatsch referred to suggestion in Ms. McGee's letter which suggested the Township use brine and grit on the roads and specified that by definition brine is salt. The Township has never used brine although it has used a solution of calcium chloride to keep the grit from freezing. He expressed that brine is not as effective as previously thought and special equipment is needed to apply it.

Mr. Tatsch stated that he is aware and sensitive to the issues that have been brought up and there are good points in the letter. The Township is trying their best to maintain a balance with salt usage.

Mr. Hamilton addressed his belief that there is concern for an increase of salt use in the future due to "the inevitable progression" in salt usage as it is easy to put down. He remarked that the biggest issue is that people may not be interested in the environment and the effects of salt on it.

Mr. Wang-Iverson asked if the data collected can be used to determine if it can be proven whether or not putting salt on the road is bad. Mr. Tatsch explained that the one data point that proves the effect of salt is the test result from the Old York Road location that had elevated levels of chloride. He noted that it cannot be determined where the chloride came from as it could have been from calcium chloride. Other possible sources of the salt level were discussed. It was noted that samples on the mountain would have a very low baseline level and there is more salt in sedimentary rocks. The Board further discussed the results from the well testing.

Mr. Hamilton noted that one of the problems with contamination in neighboring towns was improper storage of salt. He is concerned as the one resident near the grit yard (where salt is stored) did not test this year. Mr. Tatsch noted that the storage problem in West Amwell was at a state facility, not the Township's, and involved a much larger amount of salt. Mr. Martin will compose a summary of the well testing program results and will visit the household that lives on Old York Rd. that opted out of the testing this year to provide them with information.

The committee discussed the possibility of stream testing through the Environment Commission. Ms. Carluccio advised the Board that there are small grants available. Mr. Tatsch will contact Toni Robbi to determine if he would be interested in this.

B. Board Secretary's Report

This item (East Amwell Food Licenses) was covered under New Business.

CORRESPONDENCE

A. East Amwell
No comments

B. Hunterdon County

1. Retail Food Establishment Spot Check Form dated 6/3/11 re: Carousel Bakery/Deli

Mr. Wyckoff explained that it was a water quality issue; the water has been resampled.

C. New Jersey

1. Letter from DOT re: Illegal Discharge of Water

Mr. Tatsch advised that a letter be sent to the County since the Township doesn't have enforcement authority. Mr. Hamilton suggested the situation be looked at.

D. Miscellaneous

1. Retirement of East Amwell Treasurer/CFO Jane Luhrs

Mr. Tatsch announced that the Township Treasurer and CFO, Jane Luhrs, is retiring and commented favorably on the great job she had done for the past twenty-seven years.

Mr. Hamilton commented on the hours employees put in to get the work done including Sundays and commented favorably on the staff. Mr. Tatsch echoed Mr. Hamilton's comments.

BILLS OF THE EVENING

There were no bills of the evening.

OPEN TO THE PUBLIC

Mr. Tatsch moved to close the public session, seconded by Mr. Hamilton, and it carried unanimously.

ADJOURNMENT

Mr. Wang-Iverson made a motion, seconded by Mr. Martin, to adjourn the meeting at 8:47p.m. The motion carried unanimously.

Respectfully submitted,

Christine A. Rosikiewicz
Board of Health Secretary