

WEST AMWELL TOWNSHIP BOARD OF HEALTH
July 22, 2010

The West Amwell Township Board of Health met on the above date.

The meeting was called to order at 7:30 p.m. and declared in compliance with the Open Public Meetings Act. Notice of this meeting was included in the Resolution faxed to the Lambertville Beacon, Hunterdon County Democrat and Trenton Times on January 29, 20010, was posted on the bulletin board in the Municipal Building on said date and has remained continuously posted as required under the Statute. A copy of this notice is and has been available to the public and is on file in the office of the Municipal Clerk.

Present: Chair Ken Hart and members Thomas J. Molnar, Frank P. Masterson III, George Fisher, Wendy Williams, Jim Cally. Absent: Rick Kropp. Public in attendance included Rich Storcella, Hal Shute, Rob and Fred Fulper, Tom Cahill of NJ Septic Management Group, Wayne Ingram of Engineering and Land Use Planning, and Craig Patterson of Septics by Patterson.

Ms. Williams is a full voting member this evening.

PRESENTATION OF MINUTES

The December 17, 2009 minutes were held as members required to approve were not present. The May 20, 2010 minutes were approved on motion by Williams, seconded by Fisher. Roll Call: Cally-aye, Williams-aye, Fisher-aye, Masterson-aye, Molnar-abstain, Hart-aye.

AGENDA REVIEW

OPEN TO THE PUBLIC/TOPIC NOT ON THE AGENDA

No comments received.

The order of business was changed as the anticipated presenters had not yet arrived.

NEW BUSINESS:

Request for Septic Waiver – Block 22 Lot 12: Craig Patterson overviewed that a high water exists on this former kennel property on the corner of Rt. 579 and Rock Road East and that mottling is greater than permitted by code. The system is over designed by 50% in order to handle the needs of a three bedroom house plus workers. However, there are currently no plans to re-open the kennel but the system will not be used for the disposal of dog waste. The mound is 60 inches above grade, or 5 ft., and is located near the road where a thick grove of trees will block the view. Although the system is a distance from the house, it employs a $\frac{3}{4}$ horse pump and has reserve capacity.

BOH RESOLUTION #07-2010

WHEREAS, a septic system alteration request has been referred to the Township Board of Heath for Block 22 Lot 12; and

WHEREAS, a waiver and approval is requested for the following:

1. The regional water table was established at 12 inches from existing grade which is greater than the maximum allowed by code of 24 inches. The design will still show a minimum of 48 inches of separation from the regional water table and proposed level of infiltration.

WHEREAS, the design shows a mounded pressure dose installation; and

WHEREAS, this is an alteration to a malfunctioning system with no expansion, the Board can consider approving the waiver request under 7:9A-3.3(d) as the proposed alteration is more in conformance with this chapter than the original components prior to the alteration

THEREFORE BE IT RESOLVED by the West Amwell Township Board of Health that the waiver requested in 1 above and listed in the County's letter of July 13, 2010 be granted

BE IT FURTHER RESOLVED that this resolution be forwarded to the Hunterdon County Health Department, the engineer of record and the applicant.

The Resolution was unanimously approved on motion from Fisher, seconded by Molnar.

Refund Resolution – Block 13 Lot 34.02: There is a minimum of two days required to be scheduled for testing. However, the testing was able to be completed in one day, so a refund is needed.

RESOLUTION #08-2010

WHEREAS, the BOH established a policy regarding the refund of STW fees, and

WHEREAS, the policy states that

1. the second day has to be cancelled by the end of the first day of testing with a call to the secretary
2. an administration fee of \$50.00 would be deducted from the refund OR
3. credit would be given for another testing date scheduled within 30 days on same Block and Lot, and

WHEREAS, this policy was further amended to apply the administrative fee to all subsequent days cancelled in line with the established guidelines, and

WHEREAS, the following applicants meet the above qualifications for second and/or subsequent-day refund minus the administration fee

BLOCK/LOT	NAME	AMOUNT
13/34.02	Lovett	\$300.00

THEREFORE BE IT RESOLVED by the West Amwell Township Board of Health that the aforementioned applicant(s) receive a second and/or subsequent day refund in the amount stated above.

The Resolution was unanimously approved on motion from Fisher, seconded by Molnar.

UNFINISHED BUSINESS:

Septic System Inventory Database: The information from the County has been crossed checked, verified and merged with what was on file in the Board office. This activity was completed by the deputy board secretary, Sandy Haberle. It does not include information on all septic systems in the Township, only those where activity has occurred and documentation is on file. However, the activity is in Block/Lot format that will make tracking easier. An FYI copy will be sent to the County.

Salt Disposal Costs & Possible Continued Discussion on DEP Reports: The disposal costs requested at the last meeting were presented--\$9762.29 in 2009 and, as of June 1, 2010, \$3831.06. The Township is still obligated to monitor two of the houses for another couple of years with the caveat that there be five years of compliant raw well water to the houses before sampling can be terminated. Whether the testing of some of the other wells in the area can be discontinued, and possible ramifications at DEP should the request be made, as well as the excavation and capping of the former storage area at the DPW were discussed. The consensus of the Board was that the environmental consultant from Sadat be requested to attend the September meeting to discuss the over-all game plan and see if there is a cheaper way to address the various issues.

A brief discussion ensued about the former Perrine residence that was purchased by the Township. The recent attempt to sell the property came to naught, although a neighbor has recently expressed interest in the property, but not at the \$214,000 price, just to square off his property. According to a 2006 letter from Dr. Sadat, re-developing the silted well would run \$4000-\$6000; a replacement well, \$10,000. An RO system was estimated at \$62,000+, with a yearly maintenance fee of approximately \$7500. The existing well was noted as providing an adequate water supply but the area rock is known for its poor yield and therefore no guarantee could be given that a replacement well would have the same yield. A replacement well would be the third one on the lot. A call has been placed to Tom Stover with a request to contact the mayor for a second opinion.

INTRODUCTION OF ORDINANCES AND/OR PUBLIC HEARING AND/OR SPECIAL PRESENTATION:

Presentation on Peat Systems: Tom Cahill and Wayne Ingham presented information about these systems, noting that DEP has approved three different peat systems for use in New Jersey. The benefit of the particular system presented this evening is that it is water tight with a resin molded tank. The unit could sit in a water table; be installed closer to wells in small lot situations; and, is used in lake and similar water environments. The in-line filter produces a cleaner effluent; the system can reduce the size of a mound by 30 inches; can be used on zero perc lots; and, can provide a 30-40% reduction in overall size, depending on the soils. There are currently 29 professional engineers certified to work on the system and 108 systems have been installed in New Jersey. Hunterdon County has 39; Somerset, 42; and, Hopewell Township, 25.

Mr. Cahill relayed that the peat moss has a scheduled replacement of between 6-8 years, but in Florida, the systems have exceeded that number. Replacement of the peat is necessary because, at some point, it gets clogged. However, the gravel disposal bed stays clean. Filters and a service program are also part of the program, with DEP requiring data at each service in order to develop a history. These systems can be used not only for repairs but for new

development, an aspect of which has opened properties for new construction. He noted that one unit can handle a 4 bedroom house that would use 650 gallons of water per day, and that two units could be installed to handle up to six bedrooms.

Mr. Ingham presented diagrams showing how the system is installed, noting that the lid stays exposed for ventilation and cleaning. A new self-contained unit was also displayed that houses the total system--a 1500 gallon septic tank, the pump tank, peat, and pump pit.

Maintenance is the key with these systems but the money is spent on technology, not fill. This can mean a \$3,000-\$10,000 savings on a mound system and the system is more compact. The system is monitored to collect data and adjust water use, cycling, and to review the materials being processed. A garbage disposal should not be used. Mr. Cahill also relayed that NJDEP has stricter standards than found elsewhere in the country and that the State is okay with the technology being included in the septic code. The latter is being reviewed as it was to expire last year. Once new septic regulations are approved, going through the State for the installation of a peat system will no longer be necessary.

Board members questioned the effects of kids, chemicals, detergents, etc. on the system and were advised that septic additives, like those advertised on TV, should not be used due to the live bacteria and enzymes that are present in the peat process. However, the rest would depend on the concentration but no negative impact has been seen from normal usage as there's a constant water flow through the system, which provides dilution. Questions were also raised about comparative cost. At approximately \$36,000 installed, the peat system is in the range of a typical system. Maintenance costs would depend on the number of components. Raking of the peat is done twice a year and filters are changed four times a year.

Mr. Cahill relayed that more information is available on their website and power point presentations are available, if the Board is interested, and that the Guidance Document is available on the NJDEP website. Copies of the latter have been provided to the Board. Mr. Ingham also offered to let the Board know when there's a new installation in the area.

Appreciation was extended for the informative presentation and Mr. Cahill and Mr. Ingham departed the meeting at 8:35 p.m.

ADMINISTRATIVE REPORTS:

BILL LIST July 22, 2010

DATE	VENDOR	AMOUNT PAID
June 2	Foran	\$ 315.00
	D & C Printing	55.00
	Russell Reid, Inc	1533.90
	Mt. Holly MUA	79.14
	Sadat Associates	393.21
	James P. Chalupa	800.00

June 23	NJN Publishing	32.68
	Mt. Holly MUA	73.82
	Russell Reid	1153.02
	James P. Chalupa	800.00
July 7	---	

NOTE: The above invoices were received and paid from the BOH line item through July 7, 2010 and are provided for informational purposes.

BOARD OF HEALTH
SOIL WITNESSING REPORT
Month of: June 2010

Tests Performed:

<u>Name</u>	<u>Block Lot</u>	<u>Address</u>
Lovett	13/34.02	332 Rocktown-Lamb.
Roebeling	32/12	74 Barry

Monies Received and Deposited: \$ 1150.00

Fees Refunded: \$ 315.00

BOARD OF HEALTH
SOIL WITNESSING REPORT
Month of: July 2010

Tests Performed:

<u>Name</u>	<u>Block Lot</u>	<u>Address</u>
Nicholson	13/41.02	314 Rocktown-Lamb
Diamond	28/19.03	35 Hewitt Road

Monies Received and Deposited: \$ 1400.00

Fees Refunded: \$

The reports were received without further comment.

CLOSED SESSION & RESULTS, IF ANY:

CORRESPONDENCE:

The following items were received from the **Hunterdon County Health Dept.:**

- The Village Deli/Chick Dog Café, Chimney Hill Bed & Breakfast, and West Amwell Fire

Company received satisfactory evaluations on their respective Sanitary Inspection Reports.

- Application has been made for a Septic Alteration for Block 21 Lot 44.
- The LINCS Public Health Advisory offered information on Gastrointestinal Illness Investigations in two County facilities.

The **ACO** Monthly Dog License Report showed remittances of \$7.80 in May and \$1.20 in June 2010 for miscellaneous fees due.

DISCUSSION:

Chair Hart inquired about the activities at the old 'Buddy's' restaurant but no information has been received about the project. The no-further action letter concerning an underground heating oil tank on Frontage Road; the DEP approval of ESC's water treatment plant; and the latest chemical sampling on the well water on Block 8 Lot 56, as well as the level of chloride and salt detected, found in the informational packet was noted.

ADJOURNMENT:

There being no further business before the Board, the meeting was unanimously adjourned at 8:40 p.m. on motion from Williams, seconded by Molnar.

Respectfully submitted,

Lora Olsen, Secretary