

## READINGTON TOWNSHIP BOARD OF HEALTH

May 16, 2012

Chair William C. Nugent called the meeting to order at 7:10 p.m. and announced that all laws governing the Open Public Meetings Act have been met and that this meeting has been duly advertised.

### Attendance Roll Call:

Christina Albrecht	present	William C. Nugent	present	Wendy Sheay	absent
Jane Butula	present	Tanya Rohrbach	absent	Donna Simon	absent
Beatrice Muir	present				

**Also Present:** Board of Health Engineer, Ferriero Engineering, Inc. representative Joe Kosinski  
Division of Public Health Public Safety Dept. – Debra Vaccarella

### A. APPROVAL OF THE MINUTES

1. **Minutes** of April 18, 2012. (- Sheay, Simon vote).

A **MOTION** was made by Ms. Muir to approve the minutes. The motion was seconded by Ms. Butula.

On roll call vote, the following was recorded for approval of the 4/18/12 minutes:

Ms. Albrecht	Aye	Ms. Butula	Aye	Ms. Muir	Aye	Chair Nugent	Aye
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Chair Nugent complimented Ms. Petzinger on the detailed minutes.

### B. CORRESPONDENCE

1. **HCDH LINCS** - 4/17/12 Public Health Info: Death Rates from Unintentional Injury Among Children Drop. *Ms. Butula stated that this board is already very active in this area. This is an area of focus for the Hunterdon County Safe Communities Coalition and has been for 2 years. The prescription drug dropoff box in Flemington Borough in the lobby of the new courthouse was paid for by the Safe Communities Coalition. Three more boxes will be placed in parts of the County. Readington Township and Board of Health have been very influential in dealing with this.*
2. **HCDH LINCS** - 4/14/12 NJDHSS Communicable Disease Service – MMWR week 15.
3. **HCDH LINCS** - 4/21/12 NJDHSS Communicable Disease Service – MMWR week 16.
4. **HCDH LINCS** - 4/4/12 UPDATE: CDC Restates Position on Single-dose/Single-Use Vials. *Ms. Butula explained that in some instances, partial doses were being used increasing the risk of infection.*
5. **HCDH LINCS** - 4/7/12 INFO: Food and Pet Food Recalls. <http://www.recalls.gov/recent.html>  
*Ms. Vaccarella stated that this was covered in detail by the news media.*
6. **PSE&G** – Application for freshwater wetlands individual permit. Entire file available in clerks office.
7. **Block 57/Lot 11.39** – Letter dated 4/16/12 – NJDEP no further action.
8. **Block 52/Lot 1.05** – Letter dated 4/23/12 – NJDEP no further action.
9. **Block 70/Lot 19.14** – Letter dated 4/27/12 – NJDEP no further action.
10. **Block 57/Lot 11.39** – Letter dated 4/16/12 – NJDEP no further action.
11. **Block 21/Lot 1** – Letter dated 4/17/12 – JM Sorge, Inc. environmental consultants- receptor evaluation..
12. **NJDEP** - Freshwater Wetlands Gen. Permit and Flood Hazard Area Individual Permit – Hunterdon County Bridge RQ-179, Stanton Station Road over South Branch of Raritan River.
13. **NALBOH** – 20<sup>th</sup> Annual Conference 8/8/12 – 8/10/12, Atlanta, GA. [www.nalboh.org](http://www.nalboh.org)
14. **Partnership for Health** – By Cutting Public Health Services in Hunterdon County We Are Threatening Our Number #1 Ranking as the Healthiest County in NJ. A *Partnership for Health* Position Paper. A **MOTION** was made by Ms. Butula to pass a resolution, **BH-R-2012-03** which represents sending the support signature page to the Hunterdon County Health Partnership. This is a position paper that the Readington Township Board of Health is agreeing with and supporting which will address by cutting public health services in Hunterdon County we are threatening our number 1 ranking as the healthiest county in New Jersey. We are taking the posture that we are fully informed of the information in this support letter and we fully support the Partnership for Health’s position as the Readington Township Board of Health.

The motion was seconded by Ms. Muir.

On roll call vote, the following was recorded for **BH-R-2012-03** :

Ms. Albrecht	Aye	Ms. Butula	Aye	Ms. Muir	Aye	Chair Nugent	Aye
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**C. OLD BUSINESS**

1. **Newsletter article** regarding septic maintenance. [http://www.readingtontwp.org/boh\\_main.html](http://www.readingtontwp.org/boh_main.html)

“Septic Systems – OUT-OF-SIGHT SHOULD NOT Be Out Of Mind”.

*Chair Nugent stated that a request would be made to the newsletter for publication.*

2. **N.J.A.C 7:9A Rule Amendment Highlights.**

*Chair Nugent asked if there were any new details from NJDEP?*

*Mr. Kosinski stated that he would be attending educational classes in the following week at the Rutgers Educational Bordentown Campus Ecological Center. There may be some interpretations on what has been published.*

*Ms. Butula asked if their firm sees any response to the changes?*

*Mr. Kosinski stated the major changes they are seeing on the plans are the effluent filters, for new systems the identification placard, the select fill requirements have changed for any engineers that are not using C33, other than that there hasn't been too much feedback yet. The things already discussed, the cesspools, the renovations to existing dwellings, upgrades to existing. They are still waiting to see how things shape up.*

*Ms. Vaccarella stated that it depends on the local area and how they interpret all of that, what the intent is.*

**D. NEW BUSINESS**

1. **Safe Communities Coalition of Hunterdon and Somerset. The ‘Good Samaritan Emergency Response Act’.**

*Ms. Butula asked for the Readington Twp. Board of Health support for this. The NJ 911 Lifeline Legislation states that if someone appears to have alcohol intoxication, that if you are with them, up to two people can stay and have indemnification and can avoid prosecution. This bill will include drug overdose.*

A **MOTION** was made by Ms. Butula to pass a resolution, **BH-R-2012-04 that the Readington Township Board of Health give its full support to the passing of the bill that will make the NJ 911 Lifeline legislation extended from alcohol to also drug overdose, a bill sponsored by Senator Scutari.** Information will also be passed on to the Readington Township Committee.

This is the NJ 911 Lifeline legislation which is being supported by Senator Kip Bateman and also the Safe Communities Coalition of Hunterdon and Somerset of which the Readington Township Board of Health is a member.

The motion was seconded by Ms. Muir.

On roll call vote, the following was recorded :

Ms. Albrecht Aye                      Ms. Butula Aye                      Ms. Muir Aye                      Chair Nugent Aye

2. **Community Day/Memorial Day - Pickell Park, Monday, May 28, 2012.**

*Chair Nugent noted that the Board of Health will have a table set up at Pickell Park.*

**E. APPROVALS**

**Category A. – Single Lots**

*time heard: 7:55*

1. **Block 63/Lot 8 – Bayer-Risse , Mahoney, Route 31 North.**

Escrow fees paid 3/21/12, # 2071, \$750.

Mr. Bill Jupinka, Bayer-Risse Engineering, NJ licensed professional engineer appeared before the board. This application is an alteration for an existing 3 bedroom dwelling with a 2 bedroom expansion, totaling 5 bedrooms. The existing system is malfunctioning. Soil testing was done in an area that is free of any wetlands and wetland transition areas. There are no water courses within 100’ of the proposed disposal system. There are no on-site wells within 100’ and no neighboring disposal systems within 50’ as well. The soils were pretty well drained, basin floods were done in both the primary and reserve disposal areas roughly around 7.5’ or so, had positive drainage and excellent permeability. A pressure dose system is proposed because of the 35’ difference in elevation from the house up to the bed area. The entire system is being

revamped, 1500 gallon 2 compartment tank with an effluent filter. A 1500 gallon pump tank *inaudible* the field. The owner is aware of the maintenance of the effluent filter, and the filing of the deed and maintenance of the pump system. The filter maintenance is every three years at most, but depending on use may be more often.

Chair Nugent asked, regarding the new code, is there any change on the filter size? And brand?

Mr. Jupinka stated that the manufacturers are now sending out the tanks with 6" filters. There is not a particular brand, they're basically all the same.

Chair Nugent asked if the marking on the lid is being done?

Ms. Vaccarella stated that this is a specific requirement of the septic inspection companies who have reasoned that the information on the inside of the tank is so that the inspection companies will know what the design is, because agencies are not keeping records. As a county, they will not spend the time inspecting it, the records are available for people to see.

Chair Nugent asked regarding the new tanks, how far are they away from the home and does it accomplish the 100' requirement and is it technically under the plumbing code? Is that a maintenance problem?

Ms. Vaccarella stated yes, it is under the plumbing code.

Mr. Jupinka stated that he has not run into a problem as long as there is pitch on the pipe.

Ms. Vaccarella asked about the well which was indicated in the front of the property.

Mr. Jupinka stated that is a decorative well.

Chair Nugent asked if any of the board members had any further questions or comments?

There was no response.

A **MOTION** was made by Ms. Butula for approval of Block 63/Lot 8, Michael Maloney, 462 Route 31 North. This is an existing 3 bedroom home, proposed 5 bedroom home. The map is titled Septic System Alteration Design for Michael Maloney, Block 68/Lot 8, Readington Township, Hunterdon County, NJ, pages 1 – 12, 3/13/12, no revisions, by Stephen M. Risse, P.E.. Boundary survey by Thos. J. Rex, 10/24/97, topographical survey by Chas. Saladin, P.L., 3/13/12. Ferriero Engineering report, 4/11/12. Correspondence from Garden State Lab, analysis of water, acceptable and conforming on all levels. The proposed system is soil replacement, bottom lined, pressure distribution with an effluent filter and deed restricted pump. For the primary, 0103-1, 1/3/12, @ 120", no mottling, no seepage. 0103-2, 1/3/12, @ 120", no mottling, no seepage, permeability is basin flood 0103-1, 1/3/12 and 1/4/12 @ 90", passing. In season ground water monitoring was 1/6/12 – 2/24/12, regional water determined by soil log 0103-2 on 1/13/12, @ 104". For the reserve, 0103-3, 1/3/12, @ 108", no mottling, no seepage. 0103-4, 1/3/12, @ 107", no mottling, no seepage, permeability is basin flood 0103-2, 1/3/12 and 1/4/12 @ 80", passing. In season ground water monitoring was 1/6/12 – 2/24/12, regional water determined by soil log 0103-3 on 1/20/12, @ 100".

Testimony by Mr. Jupinka stated no water courses within 100' of the proposed disposal system. There are no on-site wells within 100' and no neighboring disposal systems within 50' as well, and there are no wetlands or wetland transition areas. The homeowner is aware that the effluent filter requires maintenance, and maintenance for the pump system and there is a required deed restriction to be filed with the County Clerk, and a copy provided to the Board of Health Office within 90 days of completion of the system.

The motion was seconded by Ms. Albrecht.

On roll call vote, the following was recorded :

Ms. Albrecht Aye            Ms. Butula Aye            Ms. Muir Aye            Chair Nugent Aye

*time heard: 8:15*

## **2. Block 69/Lot 3 – Bayer-Risse , Wardle, Centerville Road.**

Escrow fees paid 3/21/12, # 3213, \$750.

Mr. Bill Jupinka, Bayer-Risse Engineering, NJ licensed professional engineer appeared before the board.

This application is new construction for a 5 bedroom single family home. The entire property is free of any wetlands and wetland transition areas. There are no water courses within 100' of the proposed system, or the property. The location for the proposed septic fields are free of any setbacks of any neighboring wells within 100' and no disposal systems within 50' . Testing for a primary and reserve found very permeable shale on the property, the soils are Buck Silt Loam which has a moderate constraint to septic for slow permeability. Eight weeks of groundwater monitoring was performed. The primary area was dry for the entire 8 weeks,

a little water was shown at 96" in the reserve area. Basin floods were done in both, passing, done all in one day. Due to faint mottling, the system is slightly raised about 2' out of the ground and a pump is incorporated. The owner is aware of the pump system maintenance and deed notice requirements, and the effluent filter maintenance.

Chair Nugent asked why testing wasn't done in the back of the property, considering the mottling?

Mr. Jupinka stated that the property is heavily wooded and there was a lot less clearing and grading where they decided on, also the area is out of sight from the home.

Mr. Kosinski stated that the 4/11/12 letter should have included the fact that there is a pump in the design.

Chair Nugent asked if any of the board members had any further questions or comments?

There was no response.

A **MOTION** was made by Ms. Butula for approval of Block 69/Lot 3, Michael Maloney, 462 Route 31 North. This is an existing 3 bedroom home, proposed 5 bedroom home. The map is titled Septic System Alteration Design for Michael Maloney, Block 68/Lot 8, Readington Township, Hunterdon County, NJ, pages 1 – 12, 3/13/12, no revisions, by Stephen M. Risse, P.E.. Boundary survey by Thos. J. Rex, 10/24/97, topographical survey by Chas. Saladin, P.L., 3/13/12. Ferriero Engineering report, 4/11/12. Correspondence from Garden State Lab, analysis of water, acceptable and conforming on all levels. The proposed system is soil replacement, bottom lined, pressure distribution with an effluent filter and deed restricted pump. For the primary, 0103-1, 1/3/12, @ 120", no mottling, no seepage. 0103-2, 1/3/12, @ 120", no mottling, no seepage, permeability is basin flood 0103-1, 1/3/12 and 1/4/12 @ 90", passing. In season ground water monitoring was 1/6/12 – 2/24/12, regional water determined by soil log 0103-2 on 1/13/12, @ 104". For the reserve, 0103-3, 1/3/12, @ 108", no mottling, no seepage. 0103-4, 1/3/12, @ 107", no mottling, no seepage, permeability is basin flood 0103-2, 1/3/12 and 1/4/12 @ 80", passing. In season ground water monitoring was 1/6/12 – 2/24/12, regional water determined by soil log 0103-3 on 1/20/12, @ 100".

Testimony by Mr. Jupinka stated no water courses within 100' of the proposed disposal system. There are no on-site wells within 100' and no neighboring disposal systems within 50' as well, and there are no wetlands or wetland transition areas. The homeowner is aware that the effluent filter requires maintenance, maintenance for the pump system and there is a required deed restriction to be filed with the County Clerk, and a copy provided to the Board of Health Office within 90 days of completion of the system.

The motion was seconded by Ms. Albrecht.

On roll call vote, the following was recorded :

Ms. Albrecht Aye                      Ms. Butula Aye                      Ms. Muir Aye                      Chair Nugent Aye

*time heard 8:25*

**3. Block 73/Lot 29.03 – Fine, McKeown, Rockafellows Mill Rd.**

Escrow fees paid 3/27/12, # 1808, \$750.

Mr. Doug Fine, P.E., in the state of NJ appeared before the board. Mr. Fine prepared the proposed septic design for Block 73/Lot 29.03 based on soils testing done 1/9/12, as well as ground water monitoring performed 1/13/12 3/2/12. This is an expansion from a 2 to a 3 bedroom dwelling. Soil permeability testing was performed and a primary and reserve area have been provided to show that they can do an expansion with conformance to state code. Water quality analysis has been provided for the existing well to prove potability. A survey plan by Bohren done after the soil testing in 2/2012 has been provided. The primary disposal field is comprised of soil log 3 and soil log 4. Soil log 3 was done to a depth of 94". Fractured rock was encountered at 39", there was no noted ground water infiltration following monitoring, however the regional water table was identified at 65" in soil log 3. Soil log 4 is the accompanying log for 3 in the primary. A pit bail test was performed in the bottom of soil log 4 at 100". Fractured rock was identified at 51". Seepage, ground water infiltration started at 74" and below. Regional ground water was based on the 36" mottling in that hole. For the reserve, soil logs 5 and 6, 5 was excavated to 98". Fractured rock was identified at 50". Seepage was recorded at 72" but the regional zone of saturation was based on the mottling at 31". Soil log 6, at 96", pit bail 6 was performed at 96". Fractured rock was encountered 4' below the ground surface at 48" and identified seepage at 72". The mottling was recorded at 34", which is the seasonal high ground water table. This hole was stand piped for 8 weeks, the highest reading was 37", lower than the mottling. This application is the best that it can be at complying with state code. They are requesting 1 waiver from ordinance, which is requesting the septic

pump tank to be 100' from the well.

Chair Nugent asked if there were any options regarding the placement of the tank to achieve the 100' setback?

Mr. Fine stated that they could have put the tanks closer to the property line in back but would put the tanks closer to the neighboring well. There is a large berm that would prevent gravity flow from the house to the tank.

Ms. Butula asked if the proposed system included an effluent filter, and asked the homeowner if he was aware of the maintenance of the filter, the deed restriction, pump system requirements and maintenance.

Mr. Fine stated yes, he always includes information to the homeowner to pump their tank every 2 years, and to do the maintenance on the effluent filter.

Mr. McKeown stated yes, he was aware of it.

Mr. Fine stated that regarding the effluent filter discussion, on another property, he was on an inspection today that has a maintenance contract on a conventional system and they do quarterly inspections. Every quarter, the tank is inspected, levels checked, filters cleaned, and the 4" filter was plugged. There were elevated liquid levels in the tank, ran very little water, watched it rise, and when the filter was pulled it was clogged. They had had the tank pumped 8 days ago, but the pumper didn't pull it and clean it.

Chair Nugent stated so you are suggesting that a quarterly pump out failed to inspect and clean the filter.

Mr. Fine stated that quarterly cleaning on a 4" filter may not be enough. This was a 5 bedroom house with two 70 year old people living there. He doesn't install 4" filters. The one he is proposing on this system is 12".

Chair Nugent asked what size he recommends ?

Mr. Fine stated that he always proposes 12" filters. The flow capacity is commercial application up to 10,000 gallons/day.

Chair Nugent asked if Mr. Kosinski would consider some of the questions the board has discussed, and possible respond at the next meeting.

Chair Nugent asked if any of the board members had any further questions or comments?

There was no response.

A **MOTION** was made by Ms. Butula for approval of Block 73/Lot 29.03, John McKeown, 163 Rockafellows Mill Rd., existing 2 bedroom home, to be a proposed 3 bedroom home. The map is titled Septic System Alteration Design for Block 73/Lot 29.03, John McKeown, 163 Rockafellows Mill Rd., Readington Township, Hunterdon County, NJ, pages 1 – 11, 3/14/12, revisions pgs. 2,3,4,6 on 4/2/12 prepared by Douglas Fine, P.E. Survey by Ryan Warford, P.L. S, 2/21/12. Ferriero Engineering report dated 4/11/12 and 5/1/12. This is an alteration with expansion, 2 to 3 bedroom. Letter from D. Fine, 4/20/12. Water test results, negative for e-Coli dated 4/23/12. Testimony from homeowner stating a complete well water test was performed, met water quality standards for state regulations. The proposed system is a mounded soil replacement pressure dosed system with effluent filter and a pump. Testimony by the homeowner and engineer stated that the maintenance for the effluent filter and pump are understood, and the filing of the deed restriction for the pump shall be filed with the Hunterdon County Clerk and a copy returned to the Board of Health secretary within 90 days is understood. For the primary, testing was done 1/9/12, soil log 3 @ 94", no seepage, no mottling, no hydraulically restricted horizon. Soil log 4 @ 100", seepage @ 74" and below, mottling @ 36 – 51", no hydraulically restricted horizon. Permeability was pit bail 4 in soil log 4 @ 100", done @ 100" dated 1/9/12, results 8.69"/hour. In season ground water monitoring was done 1/13/12 – 3/2/12, highest reading at 65" on 1/27/12 in soil log 3. Regional water for the primary is 36" determined by mottling in soil log 4. For the reserve testing was done 1/9/12, soil log 5 @ 98", mottling @ 31 – 50", seepage @ 74" and below, @ 24 hour 67"; soil log 6 @ 96", mottling @ 34 – 48", seepage @ 72" and below, @ 24 hour 76 ¾ ", no hydraulically restricted horizon. Permeability was pit bail 6 in soil log 6 @ 96", dated 1/9/12, results 1.73"/hour. In season ground water monitoring was done at 37" on 1/27/12 in soil log 3. Regional water for the reserve is 31" determined by mottling in soil log 5. There are no wetlands or wetland buffers impacted by the installation of this system and no wells or septic systems within 100' of the disposal field. The applicant is requesting a waiver that the distance from the well to the tank is proposed at 90' which is better than the existing 42'. The waiver is granted because the engineer has testified that if they were moved further back on the property outside the 100' radius there was too much of an incline and there could not be a gravity feed.

The motion was seconded by Ms. Albrecht.

On roll call vote, the following was recorded :

Ms. Albrecht Aye

Ms. Butula Aye

Ms. Muir Aye

Chair Nugent Aye

**F. ADJOURNMENT**

A *MOTION* was made by Ms. Muir to adjourn at 9:00 pm, seconded by Ms. Butula with a vote of Ayes all, Nays none recorded.

Respectfully submitted:

Lorraine Petzinger  
Board of Health Secretary