

READINGTON TOWNSHIP BOARD OF HEALTH

August 19, 2015

Chair Robert Colburn called the meeting to order at 7:00 pm 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	John Kalinich	present	Tanya Rohrbach	present
Jane Butula	absent	Beatrice Muir	present	Wendy Sheay	absent
Robert Colburn	present	William C. Nugent	present		

Also in attendance: Board of Health Engineer, Ferriero Engineering representative

Not in attendance: Division of Public Health - Deb Vaccarella.

A. APPROVAL OF THE MINUTES

1. Minutes of 4/15/15. (- Muir, Rohrbach, Sheay vote).

A motion was made by Mr. Nugent for approval of the 4/15/15 minutes as submitted.

This motion was seconded by Ms. Albrecht. On roll call vote the following was recorded:

Ms. Albrecht Aye Mr. Kalinich Aye Mr. Nugent Aye Chair Colburn Aye

2. Minutes of 5/20/15. (- Butula, Kalinich, Muir, vote).

A motion was made by Mr. Nugent for approval of the 5/20/15 minutes as submitted.

This motion was seconded by Ms. Albrecht. On roll call vote the following was recorded:

Ms. Albrecht Aye Mr. Nugent Aye Ms. Rohrbach Aye Chair Colburn Aye

3. Minutes of 6/17/15. (- Kalinich, Nugent, vote).

A motion was made by Ms. Albrecht for approval of the 6/17/15 minutes as submitted.

This motion was seconded by Ms. Rohrbach. On roll call vote the following was recorded:

Ms. Albrecht Aye Ms. Muir Aye Ms. Rohrbach Aye Chair Colburn Aye

B. CORRESPONDENCE

1. NALBOH publication – Summer Quarterly Newsbrief.

2. Block 98/Lot 2.50 – Letter dated 6/24/15 – NJDEP no further action.

3. Block 98.01/Lot 2.10 – Letter dated 7/14/15 – NJDEP no further action.

4. HCHD LINC – 7/2/15 INFO: NJ PIES facts on Portuguese Man O' War on Jersey Shore.

Chair Colburn noted that the man o'war is classified as a jellyfish.

5. Block 13/Lot 9 – NJDEP letter dated 6/19/15.

6. Readington-Lebanon Sewerage Authority – letter dated 7/13/15 – Right to know survey.

7. Block 36/Lot 65 – LOI letter dated 8/7/15.

C. OLD BUSINESS

1. Septic System maintenance article – publication date 9/1/15.

Article is available www.readingtontwp.org

Mr. Nugent stated that it may be a good idea in the future to include the new effluent filter requirement both in future publications, and also on the township website.

2. Soil Witness – job description.

The board discussed the witness qualifications which the board would be looking for. There was discussion regarding the number of hours of the position.

D. NEW BUSINESS

E. APPROVALS

Alteration/No Expansion:

Time heard 7:20 pm

1. Block 44/Lot 48 – Doug Fine, Schneirla, 120 Stanton Mountain Rd.

Escrow fees paid 7/17/15, ck.#1123, \$750.00

Mr. Doug Fine, NJ licensed engineer appeared before the board. This existing 3 bedroom home is replacing their septic system. Two soil logs and one basin flood were performed for the proposed disposal field.

Soil log 1 was excavated to 115", no mottling in the soil, non-soil was encountered at 61", a soil suitability

classification of I, soil log 2 was excavated to a depth of 115" to machine refusal, no mottling, a non-soil was at 62", again a soil suitability classification of I. Basin flood performed in soil log 2 at 115" had positive results. The system is sized at 3 bedrooms, with a 1250 gallon 2 compartment septic tank, gravity flow to a gravity distribution soil replacement fill enclosed system, distribution box and 8 laterals.

There was some discussion of a typo on page 3 of the application, soil log date should be 6/18/15, not 6/15/15, also sheet 2 of 11.

Chair Colburn asked if there were any other questions or comments?

There were no comments or questions from the board members.

A **MOTION** was made by Mr. Nugent for approval as follows:

Block: 44 Lot: 48

Street location: 120 Stanton Mountain Road # of Bedrooms: 3 Name of owner: Richard Woolf

Map Title: Septic System Alteration Design Block 44/Lot 48, Township of Readington, Hunterdon County, NJ for the Estate of William Schneirla, 120 Stanton Mountain Road, Whitehouse Sta., NJ 08889

Pages(map): 1 – 11 Map Date: 7/16/15 Map Revisions: pg. 2 of 11, 8/3/15

Prepared By: Douglas E. Fine, P.E.

Survey(s): Boundary survey: Robert J. Templin, PLS, 7/19/15 Report(s):

Hunterdon County Dept. of Public Safety Div. of Public Health Svcs., 7/27/15, 8/4/15

Proposed System Specifications: Proposed alteration with no expansion, soil replacement, fill enclosed, 1250 gallon 2 compartment tank, effluent filter, gravity distribution. The engineer has testified that there are no wetlands or wetland transition areas near the proposed system.

Soil testing results: 6/18/15, SL-1, @ 115", no mottling, no seepage, no flooding. SL-2 @ 115", no mottling, no seepage, no flooding. Permeability, 6/18/15 – 6/20/15, was basin flood 2 @ 115".

Regional zone of saturation is 115". This motion is based upon the engineer's ability to provide the board Office with a revised Form 2b for soil log 1 to correct the date recorded to 6/18/15.

The motion was seconded by Ms. Albrecht. On roll call vote, the following was recorded:

Ms. Albrecht	Aye	Ms. Muir	Aye	Ms. Rohrbach	Aye
Mr. Kalinich	Aye	Mr. Nugent	Aye	Chair Colburn	Aye

Time heard 7:35 pm

2. Block 44/Lot 20 – Doug Fine, Cournoyer/Salamon, 83 Dreahook Road.

Escrow fees paid 7/21/15, ck.#4769, \$750.00

Mr. Doug Fine, NJ licensed engineer appeared before the board. This is an existing 2 bedroom dwelling, an alteration, no expansion. 5 soil logs were performed, all showing relatively high mottling, no indication of ground water, no seepage in any of the logs. No non-soil was exhibited in any of the logs to depths of 10' - 11'. The soil permeability was a class rating test on a sample taken from soil log 4, results was K1. The disposal field has been sized using the K1 criteria which is 2.94 sq. ft./gallon/day; 350 gallons per day. A 1,000 gallon 2 compartment septic tank with effluent filter is proposed with a gravity connecting line, 286 linear feet to the disposal field location. The disposal field is a mounded soil replacement system, a gravity is still possible due to the grade differential. There are no wells, wetlands within 150' of the proposed septic system.

Mr. Nugent asked for the Form 2b for soil log 3, was it misplaced? The witness sheet indicates 6" to ? strong brown clay loam, wet area on surface.

Mr. Fine stated soil log 3 was recorded as an exploratory because they were looking for differing conditions. There was some discussion of Mr. Chalupa's field notes compared to Mr. Fine's.

Mr. Fine stated that the distance between soil log 3 and the proposed primary area is a little over 100'. The County has asked for testimony regarding the class rating test because the township ordinance does not permit the use of that test when there is a silt or clay based soil. The soil logs are down to 11' looking for the best permeable soil. They dug to the machine limits and found only silt loam soils. The in place tests such as a pit bail, would not be possible unless ground water was encountered, which they did not. A basin flooding test is used in non-soil, which they do not have. An in place test would be a percolation test, which the witness and engineer agreed at 7', was not safe to go down that far to perform permeability, for safety reasons, they didn't do that test.. The class rating test was pretty much the only other test.

Mr. Nugent asked for an explanation of the statement that basin floods are designed to be performed in non-soil.

Mr. Fine stated that the classification of a passing or failing basin flood test, the definition of a fail is a massive rock substratum, passing is a fractured rock substratum. The actual definition of and setting of the test is for a non-soil horizon.

Ms. Muir asked if that was only at certain depths?

Mr. Kosinski stated that whenever the coarse fragment content is greater than 50% in the subsurface. In the absence of groundwater the only test you can perform is a basin flood test.

There was some discussion of the type of tests.

Mr. Fine stated that the system was designed oversized in an effort to provide the best possible solution to this situation.

Mr. Nugent asked about the setback distance of the tank to the well of only 51'?

Mr. Fine stated that from an engineering prospective, it made more sense to get the tank 50' from the well instead of running 150' of building sewer prior to entering the tank. The well water test results were passing and are available electronically for submission to the board.

There was some discussion of administrative corrections/typos on the plans.

Mr. Fine stated that there are no mapped wetlands within 150' of the proposed disposal field, no wells other than as shown on the map as well.

Mr. Nugent recapped that the application is seeking 2 waivers, the tank to well 100' setback requirement and the permeability class rating test.

Chair Colburn asked if there were any other questions or comments?

There were no comments or questions from the board members.

A **MOTION** was made by Mr. Nugent for approval as follows:

Block: 44 Lot: 20

Street location: 83 Dreahook Road # of Bedrooms: 3 Name of owner: Richard Cournoyer & Cynthia Salamon

Map Title: Septic System Alteration Design Block 44/Lot 20, Township of Readington, Hunterdon County, NJ for the Richard Cournoyer & Cynthia Salamon, 83 Dreahook Road, Whitehouse Sta., NJ 08889

Pages(map): 1 – 11 Map Date: 7/16/15 Map Revisions: pg. 1,2,3, 8/3/15

Prepared By: Douglas E. Fine, P.E.

Survey(s): Boundary survey: Robert J. Templin, PLS, 7/2/15 Report(s):
Hunterdon County Dept. of Public Safety Div. of Public Health Svcs., 7/27/15, 8/5/15

Proposed System Specifications: Proposed alteration with no expansion, mounded soil replacement, gravity flow, 1000 gallon 2 compartment tank, effluent filter, gravity distribution.

Soil testing results: 6/11/15, SL-4, @ 132", mottling @ 30", no seepage, no flooding. SL-5 @ 132", mottling @ 31", no seepage, no flooding. Permeability, soil permeability class rating done 6/11/15 @ 84" - 132".

Results K=1. There was no in season ground water monitoring. Regional zone is set at 30". Two waivers are requested, 1) setback requirements, the tank to well 100' setback, requested at 51'. Current well water test are passing. And 2) the use of the soil permeability class rating test which was used because of the challenge of the soils and safety issues.

Two corrections to be submitted within 1 business day, sheet 6 and page 5 of plan specific to the date of the soil log. The results of the well test was potable, passed, and will be submitted to the BOH office electronically.

The motion was seconded by Ms. Albrecht. On roll call vote, the following was recorded:

Ms. Albrecht	Aye	Ms. Muir	Aye	Ms. Rohrbach	Aye
Mr. Kalinich	Aye	Mr. Nugent	Aye	Chair Colburn	Aye

Time heard 8:15 pm

3. Block 72/Lot 18.01 – Bayer-Risse, Jud, 1019 County Road 523.

Escrow fees paid 7/22/15, ck.#4906, \$750.00

Mr. Bill Jupinka, NJ licensed engineer, Bayer-Risse Engr. appeared before the board. The proposed application is for an existing 3 bedroom dwelling, no expansion. The system is failing, very undersized single lateral. A complete replacement is proposed. The on site well and neighboring well circle are encroached upon. Soil testing was done in an area free of any wetlands or wetland transition areas, there are no water courses within 100' or onsite or neighboring wells within 100' of the proposed system. The design is based on basin flood performed at 72", 6'. Mottling was at 41" in both test holes, indicating regional water table. The system is mounded, due to elevations, the system will incorporate a pump tank and the applicant is aware of the deed restriction and maintenance requirements. The tank is being replaced with a 1,000 gal. 2 compartment tank

with effluent filter. The owner is aware of the maintenance of that filter every three years.

Mr. Nugent asked about the K rating for the pit bail test.

Mr. Jupinka stated it was 170"/hour, very rapid.

Mr. Nugent asked if this is a real estate involvement?

Mr. Jupinka stated yes, there isn't currently a new owner however.

Chair Colburn asked if there were any other questions or comments?

There were no comments or questions from the board members.

A **MOTION** was made by Mr. Nugent for approval as follows:

Block: 72 Lot: 18.01

Street location: 1019 County Road 523 # of Bedrooms: 3 Name of owner: Richard Cournoyer & Cynthia Salamon

Map Title: Septic System Alteration Design for James Judd Block 724/Lot 18.01, Readington Township, Hunterdon County, NJ

Pages(map): 1 – 11 Map Date: 7/13/15 Map Revisions: 0

Prepared By: Theodore H. Bayer, P.E.

Survey(s): Boundary survey: Robert J. Templin, PLS, 6/15/15 ; Charles Saladin 6/23/15

Report(s): Hunterdon County Dept. of Public Safety Div. of Public Health Svcs., 7/29/15

Proposed System Specifications: Proposed alteration with no expansion, mounded soil replacement, pressure Distribution system with pump, 1000 gallon 2 compartment tank, effluent filter.

Soil testing results: 6/23/15, SL623-1, @ 120", mottling @ 41 – 53", seepage @ 90". SL623-2 @ 132", @ 120", mottling @ 41 – 50", seepage @ 84". Permeability, pit bail 623-1, @ 120", K rating of 170"/hour. Basin flood @ 72", passing. No in season ground water monitoring. This application proposes a pump system with the maintenance and deed requirements, the current homeowner is aware of it and also the relocation company will be made aware of it. The regional zone of saturation will be established by the mottling @ 41".

The motion was seconded by Ms. Rohrbach. On roll call vote, the following was recorded:

Ms. Albrecht	Aye	Ms. Muir	Aye	Ms. Rohrbach	Aye
Mr. Kalinich	Aye	Mr. Nugent	Aye	Chair Colburn	Aye

Time heard 8:25 pm

4. Block 52/Lot 5 – Bayer-Risse, Wiedegreen, 786 County Road 523.

Escrow fees paid 7/24/15, ck.#3931, \$750.00

Mr. Bill Jupinka, NJ licensed engineer, Bayer-Risse Engr. appeared before the board. The proposed application is for an existing 3 bedroom dwelling, no expansion. The existing system dates back approximately 70 years is a metal tank with deteriorated laterals. Soil testing was done in the rear of the property in an area free of any wetlands or wetland transition areas. There are no water courses within 100' of the proposed disposal field location or neighboring wells within 100' of the proposed system. Two soil logs were done, two pitbails in each log with similar results of 2.1 and 2.6" per hour. Mottling was shown in soil log 2 at 48", both holes had seepage at 42" which is the regional water. It is a mounded disposal system, with a 1000 gallon pump tank. The homeowner is aware of the deed restriction and maintenance requirements of the pump system. The septic tank is also being replaced with a 1000 gallon tank with effluent filter. The homeowner is aware of the maintenance requirement of the filter, not to exceed 3 years.

Mr. Nugent noted that the septic tank and pump tanks will be 100' from the well.

Mr. Kalinich asked about the existing metal tank to be abandoned, how is it abandoned?

Mr. Jupinka stated that the required means is ripping off the top, pumping it, crushing it and filling it with fill material so that there are no voids.

Chair Colburn asked if there were any other questions or comments?

There were no comments or questions from the board members.

A **MOTION** was made by Mr. Nugent for approval as follows:

Block: 52 Lot: 5

Street location: 786 County Road 523 # of Bedrooms: 3 Name of owner: Charles Wiedegreen

Map Title: Septic System Alteration Design for Charles Wiedegreen, Block 52/Lot 5, Readington Township, Hunterdon County, NJ

Pages(map): 1 – 11 Map Date: 7/21/15 Map Revisions: 0

Prepared By: Stephen M. Risse, P.E.

Survey(s): Boundary survey: Charles Saladin 7/21/15

Report(s): Hunterdon County Dept. of Public Safety Div. of Public Health Svcs., 7/29/15

Proposed System Specifications: Proposed mounded soil replacement pressure distribution system, 1000 gallon 2 compartment tank with effluent filter.

Soil testing results: 5/28/15, SL528-1, @ 90", no mottling, seepage @ 42". SL528-2 @ 48", @ 77", mottling @ 48 – 52 seepage @ 42". Permeability, pit bail 528-1, @ 108", K rating of 2.1"/hour. , pit bail 528-2, @ 86", K rating of 2.6"/hour. The regional zone of saturation will be established by the seepage @ 42" in both soil logs.

The motion was seconded by Mr. Kalinich. On roll call vote, the following was recorded:

Ms. Albrecht	Aye	Ms. Muir	Aye	Ms. Rohrbach	Aye
Mr. Kalinich	Aye	Mr. Nugent	Aye	Chair Colburn	Aye

Time heard 8:35 pm

5. Block 21/Lot 18.02 – Bayer-Risse, Casey, 384 Mountain Road.

Escrow fees paid 7/28/15, ck.#1488602182 \$750.00

Mr. Bill Jupinka, NJ licensed engineer, Bayer-Risse Engr. appeared before the board. The proposed application is for an existing 3 bedroom dwelling, no expansion. The current system is saturated due to a high water table. Soil tests were performed outside the 100' well setback. The location was limited by the presence of a stream. They were 100' from both sides of the property from the stream bank. The septic tank and pump tanks will be outside the 100' well circle as well. Due to elevations and the water table, the system is a mounded pressure system and will require a pump tank. The homeowner is aware of the deed restriction and maintenance including the effluent filter not to exceed a 3 year period. The proposed system is a 1000 2 compartment tank with effluent filter. There are no wetlands or wetland transition areas in the area of the proposed system. There are no on site or neighboring wells within 100' of the proposed disposal system. The soils tests were done by John Kearney, the homeowner has decided to not use that firm. The documentation was signed and submitted by Mr. Kearney. A conversation with Mr. Chalupa regarding the soil tests results and his recollection and notes on the property determined that the soil test were very good with the sandy loam materials, it just has a high water table, 32" static water level taken in the pit bail. The test depths were done to 96". There is no mottling, it is loose, sandy material.

Mr. Nugent asked if Mr. Jupinka had inspected the property since his firm had not performed the testing.

Mr. Jupinka stated that they did an on site inspection, the soil logs as far as they could tell from the sandy loam, conversations with Mr. Chalupa and Mr. Kearney who was very open with his information, they did not see any negative aspects of the soil. The soils are very consistent with the soil surveys of the area.

Mr. Nugent asked the distance between the proposed disposal bed and the center of the stream ?

Mr. Jupinka stated that is roughly 125' to the centerline of the stream.

There was some discussion of the township ordinance on the stream setback, which is 100'.

Ms. Albrecht stated that on the map the stream is in the back and on the side, the soil witness' drawing indicates something on the other side also ?

Mr. Jupinka stated there is no stream on the other side, but the grading comes down to the contours on the property, it may be a runoff indication. There are no wetlands, just an open stream.

Chair Colburn asked if there were any other questions or comments?

There were no comments or questions from the board members.

A **MOTION** was made by Mr. Nugent for approval as follows:

Block: 21 Lot: 18.02

Street location: 384 Mountain Road # of Bedrooms: 3 Name of owner: Gregg Casey

Map Title: Septic System Alteration Design for Gregg Casey, Block 21/Lot 18.02, Readington Township, Hunterdon County, NJ

Pages(map): 1 – 11 Map Date: 7/16/15 Map Revisions: 0

Prepared By: Theodore H. Bayer, P.E.

Survey(s): Boundary survey: Frank DeSantis, 6/16/15

Report(s): Hunterdon County Dept. of Public Safety Div. of Public Health Svcs., 7/29/15

Proposed System Specifications: Proposed mounded soil replacement pressure distribution system, 1000 gallon 2 compartment tank with effluent filter., and a pump tank.

Soil testing results: 6/2/15, SL-1, @ 114", no mottling, seepage @ 66". SL-2 @ 96", @ 60", no mottling seepage @ 60", flooding @ 32" after 24 hour. Permeability, pit bail PB1, @ 70", K rating of 8.69"/hour. The regional zone of saturation will be established by the flooding @ 32" in SL-2. Testimony by engineer

stated that there were no wetlands. This is a pump system with deed recording and maintenance requirements. The motion was seconded by Mr. Kalinich. On roll call vote, the following was recorded:

Ms. Albrecht	Aye	Ms. Muir	Aye	Ms. Rohrbach	Aye
Mr. Kalinich	Aye	Mr. Nugent	Aye	Chair Colburn	Aye

Resident Ms. Mary Ellen Sullivan addressed the board with concerns of the Board of Health ordinances being available to the public. There was discussion of General Code being available online.

New Construction:

Time heard 9:00 pm

6. Block 71/Lot 8.01 – Doug Fine, Holewski, 5 Deerpath Road.

Escrow fees paid 6/19/15, ck.#962, \$750.00

Mr. Doug Fine, NJ licensed engineer appeared before the board representing a septic system design for new construction for Block 71/Lot 8.01 on Deerpath Road, with Mr. Holewski. Mr. Holewski purchased the property and intends to build a home. A 4 bedroom dwelling is proposed, soil permeability testing has been performed on the property.

A primary and reserve area have been proposed. The 4 soil logs were performed, 3 exhibit a rating of I, one of which exhibited mottling, that determined the regional water table, although no ground water was encountered. Soil log 1 was recorded on 1/23/15, to a depth of 112", with topsoil underlain by clay loam which changed to a gravely shale non-soil at 50", extending down to 112. A standpipe was installed in soil log 1, soil log 1B accompanied it with clay loam extending beneath that to 42" and from 42 – 96" was gravely fractured non-soil. Mottling was identified in 1B at 50 – 58" which is considered the regional zone of saturation. Soil log 2 was recorded 1/23/15, 13" of top soil underlain by a reddish brown clay loam extending to 54", at 54 – 103" was fine gravely non-soil shale. A basin flood was performed with positive results, a standpipe was installed for 8 weeks of monitoring. Soil log 2 and 2B, recorded on 1/23/15, 12" of loam topsoil underlain by clay loam from 12 – 45" and a fractured gravely non-soil at 45 – 100" with fine roots extending to 72". Machine refusal was encountered at 100". Two basin flood tests were performed at 84", basin flood 1 was done in soil log 1, 375 gallons of water was added at 8:35 a.m., recorded drained at 8:44 a.m., 9 minutes. The hole was reflooded at 8:48 with 375 gallons, and took 11 minutes and was recorded empty at 8:59 a.m. Basin flood 2 was at the same depth of 84", the hole was flooded at 10:23 a.m. with 375 gallons, and drained by 11:20. The second flooding was at 11:25, and fully drained at 12:30 p.m., 65 minutes. Both were incredibly good permeability tests. Primary and reserve testing was done, the design is for the primary, the reserve is set aside for future use if necessary. The 8 weeks of monitoring was submitted with no indication of any ground water within the 8 weeks. An LOI performed by Jeff Tariela is pending, there is a stream located on a portion of the property a conversation with Mr. Tariela advised that a new protocol for the state is to have a comment period for the LOI's. This LOI is ready, they are just waiting for the 30 day period which ends on 8/24/15.

Mr. Nugent asked if the maintenance of the effluent filter has been discussed with the homeowner?

Mr. Fine stated to Mr. Holewski that all septic tanks now require an effluent filter which is a screen on the outlet baffle that requires maintenance to prevent solids from escaping. It requires pulling it and cleaning it. A large enough filter is proposed within a 2 compartment tank for the homeowner to go between 2 and 3 years of pumping as well as cleaning of the filter so that it can correspond with the pump out regiment. The next tank is a pump tank which will be going uphill to where the tank is located. A deed notice is required, and proof of recording should be provided to the BOH office.

Mr. Nugent stated that the gradient lines imply that the house will be elevated, how much over grade will that be? Mr. Fine stated that the finished first floor is at elevation 2.01'. The existing grade is at 196, the first floor is set at 201. The proposed disposal bed will appear slightly mounded because of the slope. The finished grade of the proposed disposal field is 1.25' higher than the existing grade through the center of the bed at 201. There will be a 3 to 1 slope to bring it back down to grade.

Mr. Nugent asked if Mr. Fine would be able to contact Mr. Tariela for the LOI #?

Mr. Fine stated yes, he would be updating the plans to include that number. Mr. Fine testified that the wetlands flagging of the lot was done by Jeff Tariela. There was a submission to the NJDEP on 6/3/15 for wetlands delineation and to prepare the LOI application. The wetlands as shown on the plot plan indicate that they will be expecting a 50' buffer of freshwater wetlands and that the system as proposed has no impact on any wetlands

or wetland transition areas. The closest proximity to any wetland line is 150' as denoted on the map.

Ms. Rohrbach noted that it looks a lot closer on the map.

Mr. Nugent asked if there was a chance that closer to the A5 flag, is it closer, and by how much?

Mr. Fine stated it looks to be 140' from the corner of the disposal field to A5.

Chair Colburn stated that the county application form has no signature and applicant's address.

Mr. Holewski stated that some of the copies may have been missed, he would sign the board's form tonight.

Chair Colburn asked if there were any other questions or comments?

There were no comments or questions from the board members.

A **MOTION** was made by Mr. Nugent for approval as follows:

Block: 71 Lot: 8.01

Street location: 5 Deerpath Road # of Bedrooms: 4 Name of owner: Christopher Holewski

Map Title: Septic System Design Block 71/Lot 8.01, Readington Township, Hunterdon County, NJ for Christopher Holewski, Deerpath Road, Flemington NJ 08822

Pages(map): 1 – 12 Map Date: 6/18/15 Map Revisions: 2 of 12 - 7/13/15

Prepared By: Theodore H. Bayer, P.E.

Survey(s): Boundary survey: Patrick H. Fatton , 5/20/15

Report(s): Ferriero Engineering, 6/30/15, 7/20/15; Douglas Fine, 7/13/15; LOI is pending, was submitted by Jeff Tariela on 6/20/15.

Proposed System Specifications: This is a pump system with deed recording and maintenance requirements, note on sheet 6 references that. There are no other waivers requested.

The primary disposal area is governed by 2 soil logs, SL1, 1/23/15 @ 112", no mottling or seepage. SL1B, 1/23/15 @ 96", mottling @ 50", setting regional zone. Passing permeability was basin flood BF-1 @ 84" on 1/23/15. 8 weeks of ground water monitoring was done 1/26/15 – 3/16/15, dry every day @ 90". Reserve area was SL-2, 1/23/15 @ 103", no mottling or seepage. SL-2B, 1/23/15, @ 100", no seepage or flooding in that soil log. Ground water monitoring at 98" sets regional zone. BF-2, @ 84", passing. 8 weeks of ground water monitoring was done 1/26/15 – 3/16/15, dry every day @ 98".

The motion was seconded by Ms. Rohrbach. On roll call vote, the following was recorded:

Ms. Albrecht	Aye	Ms. Muir	Aye	Ms. Rohrbach	Aye
Mr. Kalinich	Aye	Mr. Nugent	Aye	Chair Colburn	Aye

F. ADJOURNMENT

A **MOTION** was made by Ms. Albrecht to adjourn at 9:40 pm, seconded by Mr. Kalinich with a vote of Ayes all, Nays none recorded.

Respectfully submitted:

Lorraine Petzinger