

READINGTON TOWNSHIP BOARD OF HEALTH

DECEMBER 18, 2013

Chair William C. Nugent called the meeting to order at 7:07 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	Beatrice Muir	present	Tanya Rohrbach	present
Jane Butula	present	William C. Nugent	present	Wendy Sheay	absent
Robert Colburn	present				

Also in attendance: Division of Public Health - Deb Vaccarella.
Board of Health Engineer, Ferriero Engineering representative Joe Kosinski

A. APPROVAL OF THE MINUTES

1. Minutes of November 20, 2013. (- Sheay vote).

A **MOTION** was made by Ms. Muir to approve the minutes of the 11/20/13 meeting.

The motion was seconded by Ms. Rohrbach.

Mr. Colburn noted on pg. 3 of 15, the motion should be corrected. Ms. Butula stated that the intent was "the purchaser is aware". 'Inaudible' corrections/clarifications were made on the following pages, 9., 10., 13., and 14. of 15.

A **MOTION** was made by Ms. Butula to amend the minutes as discussed. The motion was seconded by Mr.

Colburn. On roll call vote, the following was recorded for approving the 11/20/13 minutes as corrected:

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

B. CORRESPONDENCE

1. HCHD LINC'S - Info: First Powasan Case Identified in New Jersey

<http://www.cdc.gov/powassan/>

2. Suspected Hazardous Discharge Notification letter dated 11/28/13 regarding diesel fuel.

3. Block 36/Lot 44.02 – RAO dated 9/23/13.

4. HCHD LINC'S - Info: Lyme carditis.

http://www.cdc.gov/lyme/signs_symptoms/lymeCarditis.html

5. Readington Twp PD – Project Medicine Drop – "prescription drug drop box" now available.

<http://www.njconsumeraffairs.gov/meddrop/>

There was no discussion regarding the correspondence.

C. OLD BUSINESS

1. 2nd READING, PUBLIC HEARING AND FINAL PASSAGE of ORDINANCE BH:01-2013.

**READINGTON TOWNSHIP BOARD OF HEALTH
COUNTY OF HUNTERDON, STATE OF NEW JERSEY
ORDINANCE BH:01-2013**

AN ORDINANCE AMENDING PART III, CHAPTER 268, ARTICLE III, SECTION 23 OF THE CODE OF THE TOWNSHIP OF READINGTON CONCERNING BOARD OF HEALTH, SEWERS, INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEMS, FEES AND CHARGES.

Chair Nugent stated that this evening is the second reading, public hearing and final passage of Ordinance BH:01-2013, entitled READINGTON TOWNSHIP BOARD OF HEALTH COUNTY OF HUNTERDON, STATE OF NEW JERSEY ORDINANCE BH:01-2013.

A **MOTION** was made by Ms. Muir, seconded by Ms. Butula to close the Board of Health meeting and open the public hearing on ordinance BH:01-2013.

On roll call vote, the following was recorded for closing the Board of Health meeting and opening the public hearing on ordinance BH:01-2013.

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

Chair Nugent asked if there were any member of the public wishing to speak to this item.

Chair Nugent noted that the changes to the ordinance were regarding the fees for soil witnessing and some of the procedures surrounding how those fees were handled.

There was no response from anyone in the audience of about 10 – 12 people.

A **MOTION** was made by Ms. Butula, seconded by Mr. Colburn to close the public hearing and open the Board of Health meeting.

On roll call vote, the following was recorded for closing the public hearing.

All in favor voted Aye. There were no Nay votes.

A **MOTION** was made by Ms. Butula, seconded by Ms. Muir to re-open the Board of Health meeting.

On roll call vote the following was recorded for re-opening the Board of Health meeting.

Ms. Albrecht Aye Mr. Colburn Aye Ms. Rohrbach Aye

Ms. Butula Aye Ms. Muir Aye Chair Nugent Aye

A **MOTION** was made by Ms. Butula to pass **Readington Township Board of Health, County of Hunterdon, State of NJ Ordinance BH:01-2013 which is an AN ORDINANCE AMENDING PART III, CHAPTER 268, ARTICLE III, SECTION 23 OF THE CODE OF THE TOWNSHIP OF READINGTON CONCERNING BOARD OF HEALTH, SEWERS, INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEMS, FEES AND CHARGES.**

This motion was seconded by Mr. Colburn. On roll call vote the following was recorded for passage of BH:01-2013.

Ms. Albrecht Aye Mr. Colburn Aye Ms. Rohrbach Aye

Ms. Butula Aye Ms. Muir Aye Chair Nugent Aye

D. NEW BUSINESS

1. Free Rabies Clinic, Saturday, 1/4/14, Readington Twp Recycling Garage, 287 Mountain Road, Whitehouse Station, 10 a.m. – 12 noon. Inclement weather, call 908-534-4051 ext. 234 for recording. www.co.hunterdon.nj.us/health/rabiesclinics.htm

Ms. Petzinger stated that the first free rabies clinic of 2014 will be held on Saturday, January 4, 2014 at the Twp. Recycling Garage on Mountain Road.

E. APPROVALS

Category A. – Single Lots

Time heard: 7:22 p.m.

1. Block 70/Lot 31.37 – Biggs Engineering, Larkin, Hoagland Road.

Escrow fees paid 4/2/05, ck.#603, \$500.00, 4/19/11, ck.# 8653, \$750.00.

Previously scheduled, withdrawn 5/18/05, 7/20/11, 8/20/11.

Mr. Jess Symonds, Biggs Engineering, NJ licensed engineer appeared before the board. This application was started in 2004 at which time soil testing was performed on the property. They appeared before this board in 2005 at which time there was a question on the well on the adjoining lot. A surveyor located that well and the application was heard by this board again at which time there was a question as to whether or not there were wetlands present on the property. Mr. Jeff Tareila inspected and provided a letter dated 8/28/13 indicating that there were no wetlands or wetland buffers within 150 feet of the proposed disposal bed. Three soil logs were performed using soil logs 1 and 2 for the design, a pit bail was performed near the middle of the disposal bed giving a permeability rate of 31.0"/hour = K5. The soils are fractured shale and highly permeable. Regional water indicators were hit on all 3 soil logs, between 26 – 28" below the surface. A mounded system is proposed requiring the use of a pump. A letter from the County indicating that the application was about to expire prompted obtaining the boards approval.

There was some discussion of the extension of this application to the County until January 2014. Ms. Vaccarella stated that this application is under the state requirements prior to April of 2012, therefore does not require an effluent filter.

Chair Nugent asked if an effluent filter would be proposed to the client and when would it be serviced?

Mr. Symonds stated that it is a good idea to include one, it would be added as an upgrade to the septic tank, and the maintenance recommendation would be to service it annually. A standard tank inspection would be

done then.

Ms. Albrecht asked if this is currently a failing system? And if so, has the system been failing all along, and are there any health issues that the board should be aware of?

Mr. Symonds stated yes, it has been malfunctioning, and generally there are financial issues as to why the owner did not go ahead back in 2004/2005.

There were some administrative issues discussed including the 10/2004 survey by George A. Sniffin and the Form 2b's, which were all signed/sealed. Also, on sheet 3, General Notes #2 and #3 have a comment about adjoining wells/disposal systems 'if found'.

Mr. Symonds stated that all adjoining wells/disposal systems within 150' of the proposed disposal bed were found and have been shown on the plan.

Chair Nugent stated regarding General Note #8. 'the engineer's liability for the design ends...' how does that conflict with Township Code that requires sampling of the select fill?

Mr. Symonds stated that all the notes were at one time reviewed and approved by their attorney, some of the notes are 30 years old and have been on every plan since then. It may not be a viable note, some municipalities ask that certification is provided, it varies from town to town.

Chair Nugent stated that a revision may be considered and updated for Readington Township since revisions are being made otherwise.

Chair Nugent noted for the board members and record that the witness materials had a notation of septic outbreak.

Chair Nugent asked if there were any other questions/comments from the board, and asked Mr. Symonds if he would be able to provide to this board the revised sheet and annotation and any other changes discussed within 5 business days?

Mr. Symonds stated yes.

A **MOTION** was made by Ms. Butula for approval as follows:

Block: 70 Lot: 31.37

Street location: 7 Hoagland Road

of Bedrooms: 4

Name of owner: William J. Larkin

Map Title: Septic System Design For Bill Larkin, Block 70, Lot 31.37, Readington Township Hunterdon County, NJ

Pages(map): 1 - 4

Map Date: 12/1/04

Map Revisions: Engineer agreed to submit a revised Sheet 3 within 5 business days

Prepared By: Jess H. Symonds, P.E., Biggs Engineering

Survey(s): Boundary : George A. Sniffin, 11/2004

Topographical: George A. Sniffin, 11/2004

Report(s): Hunterdon County Dept. of Public Safety Div. of Public Health Svcs., 2/23/05, 6/4/13

2 email correspondence from HCHD dated 2/4/11 and 9/16/13 from D. Vaccarella to L. Petzinger, 9/12/13 from L. Petzinger to R. Vaccarella.

Proposed System Specifications: Proposed alteration with no expansion, mounded, soil replacement, deed restricted pump system.

Soil testing results: 9/21/04, Soil log 1 @ 96", mottling @ 24 – 96", seepage @ 44", flooding @ 26.5".

Soil log 2 @ 98", mottling @ 26 – 98", seepage @ 54", flooding @ 27". Permeability is pit bail 1 @ 69"

9/22/04, results 31"/hour K5. Regional water determined by soil log 1 with mottling @ 24".

The engineer has testified to no adjacent septic systems or wells within 150' of the proposed system. This system will incorporate a pump for which a deed restriction is required to be filed with the Hunterdon County Clerk's office and a copy returned to the Board of Health office within 90 days of the installation of the system. There is a wetland investigation report by Jeff Tariela dated 8/28/13 stating in conclusion it is their determination that no freshwater wetlands, freshwater wetland transition areas or state open waters are present on or within 150' of the proposed replacement system to be located on Block 70/ Lot 31.37.

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

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

Time heard: 7:45 p.m.

2. Block 55/Lot 20 – James J. Mantz, Kocsi, Pinebank Road.

Escrow fees paid 10/7/13, ck.# 450, \$750.00.

Data previously mailed with October 2013 approval packet.

Mr. James J. Mantz, P. E. and L. E. in NJ appeared before the board. Mr. Mantz was contacted in August 2013 to do soil testing, it was done on this property previously by other engineers. There was a real estate transaction involved, an inspection found the system to be failing. Mr. Mantz performed 4 soil logs on the property, and is using soil logs 8 and 9 for testing. There is an existing 3 bedroom house on the property, no expansion or change in use. The seasonal high water table was at 16", which is less than the 24" allowed by code, however because this is a septic system repair it is his belief that this board can give their approval with the 16" depth to ground water. This will be a mounded system requiring a pump and deed restriction. The adjoining property, Block 55/Lot 19 was notified concerning the height of the mound. A letter was sent to that homeowner who also owns Block 55/Lot 21.01, Mr. Mantz spoke to him this afternoon and he indicated that he had no problem with the proposed system. The permeability was 1.3"/hour by pit bail. The height of the mound on the side of the property of Lot 19 is 5.5'. The toe of the slope to the northerly property line will be 15'.

Chair Nugent stated that the system is not currently malfunctioning, is that correct?

Mr. Mantz stated that this is a pro-active measure for the sale of the home. Although the current system functions with a single lateral, it doesn't meet current code. The soils in the existing system are equal or no better than what is in the proposed system. The system is more in conformance as far as the design of the proposed bed and components, not regarding the regional zone of saturation. Mr. Mantz stated regarding wetlands, he looked at the surrounding area to the north and east which was pasture, the areas to the south and west are lawn or road areas. There are no wetlands within 150' of the proposed system, septic within 50', or wells within 100' of the proposed system. The distance between the existing well and septic is approximately 35'. The distance in the proposed system is 102'.

Mr. Kosinski noted that the engineer's correspondence dated 11/15/13 cites that section of the code that is applicable.

Chair Nugent noted that the adjoining property homeowners had been contacted, and asked if there were anyone in attendance regarding this application?

There was no response from the audience.

Ms. Butula stated that there would be a pump installation with maintenance involved in this system, and asked that the information be passed on to the prospective buyer.

Mr. Kocsi indicated that he would.

Mr. Mantz stated that his client is aware of the effluent filter and maintenance.

Chair Nugent asked if there were any other questions/concerns.

There was no response.

A **MOTION** was made by Ms. Butula for approval as follows:

Block: 55 Lot: 20

Street location: 190 Pinebank Road

of Bedrooms: 3

Name of owner: Peter Kocsi

Map Title: Septic System Repair Plan for Block 55, Lot 20, 190 Pinebank Road, Readington Township Hunterdon County, NJ

Pages(map): 1 - 4

Map Date: 8/28/13

Map Revisions: 10/11/13

Prepared By: James J. Mantz, P.E., L. S.

Survey(s): Topographical: James J. Mantz

Report(s): Hunterdon County Dept. of Public Safety Div. of Public Health Svcs., 10/25/13 from Mr. Mantz to RTBOH 10/11/13 and 11/13/13, Mr. Mantz to R. Vaccarella 10/11/13 from Mr. Mantz to adjoining property owner Mr. Hartman, and also spoke to Mr. Hartman on 12/18/13.

Proposed System Specifications: Proposed alteration with no expansion, mounded 5.5' high with a 48" zone of treatment, soil replacement, deed restricted pump system.

Soil testing results: 8/15/13, Soil log 8 @ 93", mottling @ 18 – 42", seepage @ 72 - 93". Soil log 9 @ 96", mottling @ 16 – 50", seepage @ 72 - 96". Permeability is pit bail 1 @ 96", 8/15 – 8/16/13, results 1.3"/hour. Regional water determined by soil log 9 with mottling @ 16".

This system will incorporate a pump for which a deed restriction is required to be filed with the Hunterdon County Clerk's office and a copy returned to the Board of Health office within 90 days of the installation of the system. The maintenance requirements were discussed with the engineer and current owner. The engineer testified to no freshwater wetlands within 150' of the proposed replacement system.

This approval is given as an improved system over the current system existing of 1 lateral located within approximately 35' of the well. The proposed system will be 100' away from the well. This is an improved system over the current system on the property. From NJAC 7:9A-3.3, E. 1. states that the board is allowed approval of a septic system if the limiting zone is less than 24" below the existing groundwater if it is an improved system for the health and safety of the community.

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

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

Time heard: 8:20 p.m.

3. Block 46/Lot 5.04 – Parker Engr., Meade, Route 523.

Escrow fees paid 8/21/13, ck.#3681, \$750.00.

Data previously mailed with November 2013 approval packet.

Mr. Steve Parker, Parker Engineering, NJ licensed engineer appeared before the board with property owner Mr. Meade. There is an existing 3 bedroom home on the property with a fairly new septic system constructed and approved by this board as a pressure dosed pump system in 2005. An increase to that system is proposed to accommodate a 5 bedroom home. A reserve area was not required in 2005, however because an increase to the number of bedrooms a reserve area is required, as well as wet season ground water monitoring which was done in January 2013. The existing system is working fine, they are proposing to remove the top portion of the system basically down to the select fill, enlarge the system, and then rebuild it at the same elevation. The tank size will require an increase, which will be done by converting the existing pump tank to a septic tank and add a new pump tank, so there will be two septic tanks and a pump tank. A gravity dosed pump system is proposed. An effluent filter will be installed. They are requesting a variance and seeking approval of the reserve area. A 30' separation is required between the septic field and the reserve area, which cannot be met on this property. Noticing has been done prior to the last BOH meeting. Soils testing results were similar to the previous testing done in 2005. If the reserve area were ever required for use, it shouldn't pose a problem that there is no division between the reserve and the bed. The tests that Parker Engineering performed in January 2013 was in soil log 1, as pit bail 1 is proposed as the reserve area. Soil log 2 that Parker Engineering performed in January 2013 was done because that is in the direction of the expansion of the existing field, so that would be considered to use for the expansion. The soil log done by Bayer-Risse Engr. in 2005, soil log 0210-2 is within 15' of the reserve area and is proposed to be used by Parker Engineering as the reserve area as well.

Chair Nugent stated that it is very odd to have soil logs that were approved for a primary, now 1 of those soil logs is proposed to be used for the reserve, and yet another one is introduced for the primary.

Ms. Butula stated that she would like extensive testimony from Mr. Parker on the wetlands, and the distance from the intermittent stream/drainage ditch to the proposed expansion of the primary.

Mr. Parker stated that he was on the site personally, is not a wetland consultant, but the geo website which is the DEP website for wetlands and there are no wetlands anywhere in the area. Mr. Parker looked at the area that is referred to as an intermittent stream or drainage ditch, has steep banks, does not appear to have any of the typical wetland vegetation, and is comfortable with what is described on the DEP website as having no wetlands. The distance from the intermittent stream/drainage ditch to the proposed primary is 105'.

Ms. Butula confirmed that there was no vegetation within that 105' that there was any transition area.

Mr. Parker stated no, that area is lawn, right around the ditch it drops off and is too steep to mow.

Ms. Muir stated that she is familiar with the property and it does drop off precipitously.

Ms. Muir asked if the garage, or deck or any portion of the building be enlarged?

Mr. Meade stated no, the footprint will remain the same. It was a commercial building, and there will be

interior renovation to make it residential.

Chair Nugent stated that BOH ordinance requires in season ground water monitoring for severe soils to be performed in both the primary and reserve areas. Because of the proposal to switch the soil logs it implies that there is no in season ground water monitoring for the primary, only for the reserve, is that correct?

Mr. Parker stated soil log 1 is within 15' of both the reserve and primary area. The ordinance specifies that the monitoring should be done within an area that is within 15' of the disposal field.

Ms. Butula asked for clarification of the soil logs and areas.

Mr. Parker stated for the expanded primary system area, soil log 2 by Parker Engineering and soil log 0210-1 by Bayer-Risse Engineering will be used.

Ms. Butula stated for the new reserve area, soil log 1 by Parker Engineering which is within 15' of both and soil log 0210-2 by Bayer-Risse Engineering which is within 15' of the reserve will be used. Ms. Butula confirmed that the regional zones of saturation are as follows: For the proposed primary, soil log 2 is 72"; soil log 210-1 is 63". For the proposed reserve, soil log 1 is 76"; soil log 210-2 is 74".

Chair Nugent stated that although this application is intriguing he was not able to glean the intentions from the review materials. The board will need to review the original Form 2b's from 2005.

Chair Nugent asked Mr. Kosinski if he had ever encountered an application where an old soil log is being repurposed for an existing approval?

Mr. Kosinski stated that he has seen circumstances where an engineer wants to do his own logs. In most cases the soil doesn't change simply because the testing was done by a different evaluator or firm. The subsurface conditions that were observed and recorded do not change. Most of the time the descriptions are very similar if not identical.

Ms. Butula stated to Mr. Parker that it would have been very appreciated if a cover letter of explanation to the board had been provided, it was very time consuming to straighten it all out.

Ms. Vaccarella stated that the fact that this building was partially commercial back in 2005 when they were before the board and county for approval should have been addressed, it was undersized at that time.

Chair Nugent recapped, 1) There is a variance request for the reserve area specific to its proximity to the primary. The code requires 30' and the proposed is 0'. 2) There is a unique proposal to repurpose an already approved existing soil log for the approved primary to be used for the reserve. 3) Introduce an additional soil log to replace the one being repurposed to be associated with the primary expansion. 4) One test is being used for the in season ground water monitoring.

Chair Nugent stated that he would like to examine BOH code more closely now that the board has the understanding of the proposed application.

Mr. Meade stated that he appreciates that this is an unusual set of circumstances. They are taking an existing environment and making an improvement, going from an environment where there was all the effluent from the commercial side but the original septic was approved only as a 3 bedroom. We are looking to do a significant interior renovation which will remove that whole commercial area of the building including residing, re-roofing, and they would like to get on that due to some roof leakage that they are battling. As far as the variance goes, there really isn't an alternative except to say that it cannot be expanded. He doesn't see the value in doing any further testing when it seems the results wouldn't be that much different, and so would ask the board to consider that.

Chair Nugent stated that is a very good argument and the board's concern is to help the homeowner do what they have planned and still comply with the laws and ordinances that govern what the board is able to do.

Ms. Butula stated that she would appreciate time to review the code and ordinances, and organize the material which was submitted.

Chair Nugent confirmed that the adjoining property owners had been noticed, and asked if there was anyone present in the audience to speak to this application?

There was no response from the audience.

Chair Nugent stated that this application is carried to the January 15, 2014 Board of Health meeting.

Ms. Butula asked that Mr. Kosinski's office review and report on the following:

- 1) Tank – no division between the reserve and primary.
- 2) Switch the logs.
- 3) Comment on groundwater (in-season).

Time heard: 9:20 p.m.

4. Block 44/Lot 36 – RBZ Engr., Lomonte, Dreahook Road.

Escrow fees paid 12/3/13, ck.#1089, \$750.00.

Mr. Bob Zederbaum, NJ licensed engineer appeared before the board with design and soils technician James Dougherty from RBZ Engineering presenting the application for Mr. Peter Lomonte, 109 Dreahook Road who is in the audience. This property is about 6.5 acres, the rear of the property has a severe slope on it. There is a failing septic located to the rear of the house on the property that consists of 3 laterals. A series of soils test performed in September 2013 revealed permeability, however none of the tests passed, all had water in the bottom after 24 hours. The soil is slightly clay. The areas originally tested were the preferred areas where they could have designed with a pump. For the record there was no water or mottling in any of the tests, it was pretty good soils, but not good enough. After discussion with the township soils witness, and looking at the soils mapping of the property the area of the proposed bed is almost exactly where the soils map shows a change in soils. They actually went from a gravelly to a more sandy soil, and again, no water or mottling. Based on the sandy conditions samples were pulled and analyzed in the lab, some very good results were obtained. It required pumping effluent from the house back up to the system. Mr. Lomonte replaced the septic tank about 10 years ago so what is shown on the design is keeping that tank with an inspection and any upgrading that is needed. The wells are outside the required 100', a wetland analysis was done and there are no wetland or wetland transition areas on or near the property.

Chair Nugent noted that ordinance prohibits the use of soil permeability class rating tests to specific types of soils. Also, the placement of a bed installation on steep slopes is prohibited.

Mr. Zederbaum stated that the soils did not fit that classification, which the township soils witness confirmed. The soils were K3. They are on the bottom of the steep slope. The only design consideration that they took into account was the water coming off the mountain towards the new bed which is just below where the slope gets excessive. A lot of the water that comes off the mountain presently has contributed to the failure of the existing system which was a consideration closer to the house. There is a swale designed above the bed takes the water coming off the mountain and traverses it in both direction so it is not flowing over the bed.

Chair Nugent noted Note #6. 'use of an ejector pump'.

Ms. Vaccarella stated that that is a requirement of the County, as of April 2012 Code, an ejector pump installation requires a 50 % increase in the size of the system.

There was some discussion of striking Note #7. and General Note #3, and #10.

Chair Nugent asked why in Jeff Tareila's 11/4/13 letter, in the final paragraph, there is a indication of 50' whereas in the 2nd paragraph, it is indicated as 150'.

The board agreed on a 10 day grace period for a correction on the letter.

Mr. Colburn noted on pg. 1 is 190' of 2" schedule 40 PVC pipe is noted. On the picture of the disposal bed it is 1.5", is it being reduced?

Mr. Zederbaum stated it is 2" which is also covered in the application, it is noted on Form 5. A revision will be submitted.

Chair Nugent asked if there were any other questions or comments on this application.

There was no response.

A **MOTION** was made by Ms. Butula for approval as follows:

Block: 44 Lot: 36

Street location: 109 Dreahook Road

of Bedrooms: 3

Name of owner: Peter Lomonte

Map Title: Septic System Alteration for Peter Lomonte Block 44, Lot 36, Readington Township Hunterdon County, NJ

Pages(map): 1 - 4

Map Date: 10/29/13

Map Revisions: 11/18/13

Prepared By: Robert B. Zederbaum, P.E.

Survey(s): Boundary: Russell I. Knudson

Topographical: R. B. Z. Enterprises, 10/2013

Report(s): Hunterdon County Dept. of Public Safety Div. of Public Health Svcs.,12/3/13

Jeff Tariela Environmental Consulting, 11/4/13, paragraph 2 and 4 discrepancy of 150' or 50' should be corrected and provided to the BOH secretary within 10 business days.

Proposed System Specifications: Proposed alteration with no expansion, bottom lined, deed restricted pump system.

Soil testing results: 10/22/13, Soil log 7 @ 144", no mottling, no ground water, no seepage. Soil log 8 @ 126", no mottling, no ground water, no seepage. Permeability 10/23/13 @ 80", soil log 7, class rating test sample A and B, K3. Regional water determined by depth of soil logs and permeability @ 80".

This system will incorporate a pump for which a deed restriction is required to be filed with the Hunterdon County Clerk's office and a copy returned to the Board of Health office within 90 days of the installation of the system.

The maintenance requirements were discussed with the current owner. The engineer testified to no adjoining wells or septic within 100' or 150' of the proposed system.

Engineer explained notes 2. and 5. on pg. 1. Note 7. and Gen. Note #10 to be deleted. The two failed basin floods should be indicated next to soil log #4, the exploratory soil log is #6. Also on sheet 2 a correction regarding the delivery pipe.

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

Ms. Butula	Aye	Ms. Muir	Aye		
Mr. Colburn	Aye	Ms. Rohrbach	Aye	Chair Nugent	Aye

F. ADJOURNMENT

A *MOTION* was made by Mr. Colburn to adjourn at 10:00 pm, seconded by Ms. Muir with a vote of Ayes all, Nays none recorded.

Respectfully submitted:

Lorraine Petzinger