

**READINGTON TOWNSHIP BOARD OF HEALTH**  
**AUGUST 21, 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	absent	Beatrice Muir	present	Tanya Rohrbach	present
Jane Butula	absent	William C. Nugent	present	Wendy Sheay	absent
Robert Colburn	present				

**Not in attendance:** Board of Health Engineer, Ferriero Engineering, Inc.  
Division of Public Health

**A. APPROVAL OF THE MINUTES**

**1. Minutes of June 19, 2013.** (-Albrecht, Muir, Sheay vote).

*Deferred.*

**2. Minutes of July 17, 2013.** (-Rohrbach, Sheay vote).

*Deferred.*

**B. CORRESPONDENCE**

- 1. Suspected Hazardous Discharge Notification** letter dated 7/13/13 regarding oil mineral.
- 2. Suspected Hazardous Discharge Notification** letter dated 7/13/13 regarding oil heating #2.
- 3. Suspected Hazardous Discharge Notification** letter dated 8/1/13 regarding oil heating #2.
- 4. HCDPH – LINCS – Update:** NJ Animal Rabies Cases by County and Species, 1/1/13 – 6/30/13.
- 5. Block 69/Lot 13.04 – NJDEP** No Further Action Letter re: UST
- 6. Block 71/Lots 1 and 2 – Flood Hazard Area** Verification and Permit.
- 7. Block 73/Lot 4 – ADS Environmental** dated 7/18/13 re: Response Action Outcome.
- 8. Block 75/Lot 19 – ETI** dated 7/30/13 re: Application for LOI. (*complete pkt. available in Clerk's office*).

**C. OLD BUSINESS**

**1. NJLBHA – Article on pg. 2 regarding endorsing tobacco resolution.** (see 7/17/13 agenda)  
*Chair Nugent noted that this document is in our packet. Has anyone reviewed, and would they like to endorse it?*

*Ms. Muir stated that perhaps we should review it, and get input from Ms. Butula as well.*

*Ms. Petzinger stated that Ms. Butula is accumulating data related to this.*

*Chair Nugent asked that it be carried to the next meeting.*

**D. NEW BUSINESS**

**1. Soil Witness salary.**

*Chair Nugent stated that he would like to present the draft to the committee of the recommendation of the witness salary, and also the revisions to the ordinance covering that.*

**E. APPROVALS**

**Category A. – Single Lots**

*Time heard: 7:17 p.m.*

**1. Block 64/Lot 27.09 – Wayne Ingram, Sholehvar, Century Road.**

Escrow fees paid 6/17/13, ck.# 11869, \$750.00.

Mr. Eric Raes, President of Engineering and Land Planning and NJ licensed engineer appeared before the board. This is an alteration to the malfunctioning system at the Sholehvar residence, 9 Century Road. This is a rental property, the long term tenant left, the house is for sale, and a home inspection discovered the failed system, due to effluent in the disposal bed. The existing 1,000 gallon tank will be upgraded with a new riser and a filter. Based on elevation issues and soil conditions it is required that a second 1,250 gallon pump tank will be added. The proposed is a raised bed, pressure dosed system, approval from this Board is required for the pump system and soil logs. 5 test pits were conducted, s11 and s12 in tight fractured rock, proper depth was problematic. S13 encountered poor conditions, was very shallow. S14 and s15 closer to the house hit fractured rock, full zone of treatment with the raised bed and 2 passing pit bail tests were approved by the County.

Chair Nugent asked who the current owner is ?

Mr. Raes stated it is the Sholehvars.

Chair Nugent asked if the current and new owners are aware of the deed restriction requirements and the effluent filter maintenance of pumping every 3 years and checking the filter?

Mr. Raes stated yes, they are aware of the deed restriction and maintaining the filter.

Chair Nugent asked if Mr. Raes knew and could provide to the board the name of the new owner ?

Mr. Raes stated that he would provide that information to the board in 3 days.

Chair Nugent stated that a suggestion for the future is to indicate the deed restriction and maintenance on the plan or map.

Chair Nugent asked why they did not test north/northeast of the proposed bed?

Mr. Raes stated that the topography was a little steeper there, getting into a wooded non maintained area, and plausible conditions were found where the bed is located.

There was some discussion of the distance between the pump tank and the existing tank.

There was some discussion of the revised Form 2b, and the form for SI-1, area 2a. reason for mottling wasn't filled in, also machine refusal in SI-4.

Mr. Raes stated the section right above it describes it, based on the saturated water conditions and the high water level, regional zone. The forms will be revised and submitted to the Board and County within 3 business days.

Chair Nugent asked if there were any further comments/questions from the board?

There were no further comments.

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

Block:              64   Lot:   27.09  

Street location:     9 Century Road  

# of Bedrooms:         4     

Name of owner:   Connie Sholehvar

Map Title:        Sholehvar Residence Individual Subsurface Sewage Disposal System, Readington Township Hunterdon County, NJ

# Pages(map):       1 - 5  

Map Date:          6/25/13  

Map Revisions:     7/11/13 per HD comments  

Prepared By:       Wayne J. Ingram, P.E.  

Survey(s):          Topographical: James T. Sapio, 6/22/13  

Report(s):          Hunterdon County Dept. of Public Safety Div. of Public Health Svcs., 7/23/13  

Proposed System Specifications: Alteration with no expansion or change of use, proposed mounded system, requiring a pump and effluent filter. The engineer has testified that the current owner and the future owner due to this property being a real estate transaction are aware of the deed restriction to be filed with the county and the maintenance requirement for the pump and the effluent filter.

Soil testing results: 5/28/13, Soil log 4, @ 88", mottling @ 33 - 66", seepage @ 60", flooding 49" after 24 hours. Soil log 5, @ 81", mottling @ 39 - 60", seepage @ 66", flooding 36" after 24 hours. Permeability test is pit bail 4 in soil log 4, 66", 5/28/13, results 2.2"/hour.

Regional zone of saturation is in soil log 4 mottling @ 33" establishing the design.

A letter dated 7/17/13 from engineer Wayne Ingram states that Engineering and Land Planning Assoc. conducted a field investigation to any wetlands in the subject property. Their assessment indicates that there is a state open water on the property, this state open water does not have any associated buffer.

There are no wetland transition areas present within 150' of the proposed septic system.

***The engineer has testified that there are some corrections to make to the plan which will be corrected and submitted to the Board of Health office within 3 business days regarding the depth of machine refusal and the regional zone of saturation for SL 4 and SL5 forms 2b.***

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

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

Chair Nugent stated that it was not mentioned in the motion, but the name of the future owner should be provided to the BOH office.

Mr. Raes stated ok, and thanked the board.

*Time heard: 7:44 p.m.*

**2. Block 63/Lot 48 – Kurt Hoffman, Rondello, Stanton Road.**

Escrow fees paid 7/25/13, ck.# 149, \$750.00.

Mr. Kurt Hoffman, Kurt Hoffman Engineering and NJ licensed engineer appeared before the board. This application for Block 63/Lot 48, 156 Stanton Road is a septic alteration design for a property transfer. The current owner is The Estate of Robert F. Barnes, now deceased. The purchaser of the property is Mr. K. C. Rondello. The existing 4 bedroom dwelling with a malfunctioning septic system with high water in the system. Soil logs 1 and 2 were performed with a pit bail in soil log 1, results of 13.6"/hour. Soil log 1 was dug to a depth of 132", regional water @ 36". Soil log 2 was dug to a depth of 132", regional water @ 44". A new 1300 gallon 2 compartment concrete tank with effluent filter is proposed, going to a proposed 1300 gallon pump tank which will push the effluent to a gravity dosed system in the rear of the property. Mr. Jeff Tariela wetlands consultant visited the site, and provided a letter confirming the nonexistence of wetlands within 50' of the disposal area. The buffer to the wetlands is 50'. A letter from Hunterdon County Dept. of Public Safety Div. of Public Health Svcs. dated 8/2/13 stated that the board should approval the pit bail tests, soil logs, use of the pump. The new purchaser of the property Mr. Rondello has been advised of the deed restriction and maintenance of the effluent filter.

There was some discussion of the resource value of the wetlands.

Mr. Hoffman stated that where this site drains to carries a 50' buffer. Any acreage would have a 50' buffer.

There were no wells or septic systems found within 150' of the proposed disposal field.

Chair Nugent asked if a signed County form could be submitted to this board within 5 business days ?

Mr. Hoffman stated that that would be no problem.

Mr. Colburn stated that the sheet indicates that the dosing tank is 1500 gallons, on the drawing is a 1300 gallon pump tank, and the numbers are off, 162 is the number that would pump out, but 882 in the 1500 and 605 in the 1300 gallon tank. Also, on pg. 1 it states the PVC is 4"? Are you going from 3" to 4"?

Mr. Hoffman stated Form 4 and Form 5 of the Hunterdon County forms are correct, it is a 1500 gallon tank. The design should designate the 1500 gallon pump tank so the numbers on the forms and the calculations are correct, the detail on the design is incorrect. So page 1 and 3 of the design need to be revised to the 1500 gallon. Mr. Colburn stated also, the pump chart tells where it is but it is only a 1 horse pump, and that is a long distance. Also there is a 2" pipe, they usually come out 2" and go to 3".

Mr. Hoffman stated there would be a 3" delivery line. The elevation head is 51', then you have the pipe friction, the total dynamic head is 57'. Based on the curve, 30 gallons/min., rule of thumb is right centered in the curve would be 40 – 45 centered, it is within 1".

There was some discussion of the volume.

Chair Nugent noted that the corrections as noted are: 1500 gallon concrete pump tank, schedule 40 PVC should be 3" on sheet 1; sheet 3 the entire detail for the pump tank should be 1500 gallon and the reserve gallonage on the detail and the pump setting.

Chair Nugent asked given the length of the pipe, does that alter the settings of the float to compensate for excessive filling ?

Mr. Hoffman stated that the plan says the distance between on and off is 7 ¼, his calculations are 11 ½. The revisions can be provided in either 3 or 5 days.

Chair Nugent stated the revisions require 3 copies to this board, 4 to the County, a cover letter clearly indicating what the revisions are and why.

Chair Nugent asked if there were any further comments/questions from the board ?

There were no further comments.

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

Block:              63   Lot:   48  

Street location:   156 Stanton Road  

# of Bedrooms:       4    

Name of owner: Estate of Robert F. Barnes, new owner K. C. Rondello

Map Title:          Septic Design For K.C. Rondello, Block 63, Lot 48  Readington Township  
                          Hunterdon County, NJ

# Pages(map):      1 - 6  

Map Date:          7/23/13

Map Revisions: 7/31/13

Prepared By: Kurt Hoffman, P.E.

Survey(s): Boundary : Glenn Kantorski, 3/10/92

Topographical: David M. Newton, July 2013

Report(s): Hunterdon County Dept. of Public Safety Div. of Public Health Svcs., 8/2/13

Proposed System Specifications: Proposed mounded system, requiring a pump and effluent filter. The engineer has testified that the purchaser is aware of the deed restriction to be filed with the county and the maintenance requirement for the pump and the effluent filter.

Soil testing results: 6/25/13, Soil log 1, @ 132", mottling @ 36 - 132", seepage @ 84", flooding 112".

Soil log 2, @ 132", mottling @ 44 - 132", seepage @ 88", flooding 83". permeability test is pit bail 1 in soil log 1, 115", 6/26/13, results 13.6"/hour.

Regional zone of saturation is in soil log 1 mottling @ 36 – 132".

Wetlands investigation done 6/25/13 by Jeff Tariela determined that no freshwater wetlands, freshwater wetland transition areas or state open waters are present on or within 50' of the proposed replacement septic system for Block 63/Lot 48.

***Corrections and revisions required to be made and returned to this board within 5 business days are:***

***The application to Hunterdon County Health Dept. must be signed.***

***Design sheet 1 reads 1300 gallon tank and should read 1500 gallon tank.***

***PVC delivery line should be corrected from 4" to 3".***

***A revision of sheet 3 to include the 1500 gallons to correspond with Form 4 and 5 to the County.***

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

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

There was some discussion with the applicant engineer regarding the 100' well setback requirement.

## **F. ADJOURNMENT**

A **MOTION** was made by Mr. Colburn to adjourn at 8:30 pm, seconded by Ms. Rohrbach with a vote of Ayes all, Nays none recorded.

Respectfully submitted:

Lorraine Petzinger