

## READINGTON TOWNSHIP BOARD OF HEALTH

APRIL 17, 2013

Chair William C. Nugent called the meeting to order at 7:02 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	present	William C. Nugent	present	Wendy Sheay	absent
Robert Colburn	present				

**Noted:** Board of Health Engineer, Ferriero Engineering, Inc. – Joe Kosinski  
Division of Public Health – Bob Vaccarella

### A. APPROVAL OF THE MINUTES

1. **Minutes** of March 20, 2013. (- Muir, Sheay vote).

A **MOTION** was made by Mr. Colburn to approve the minutes of the 3/20/13 Board of Health meeting. The motion was seconded by Ms. Butula.

Chair Nugent complimented Ms. Petzinger on the great job with the minutes.

On roll call vote, the following was recorded for approval of the 3/20/13 minutes:

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

### B. CORRESPONDENCE

1. **Williams – Gas Pipeline - Transco** – letter dated 3/25/13 re: proposed gas pipeline, project update.

*Ms. Butula asked Ms. Muir if the Township Committee and Engineer are on board following this?*

*Ms. Muir stated yes, Ms. Allen and Ms. Fort had attended the meeting last week.*

*Chair Nugent stated that some of the work in Clinton had already started.*

*Ms. Muir stated yes, that is off of Route 31.*

*Mr. Colburn stated that he had attended the meeting in Hillsborough, the pipeline company was there to answer questions.*

2. **LINCS** - 3/25/13 INFO: Annual Municipal Board of Health Member Meeting.

*Ms. Butula asked Mr. Vaccarella if current long standing board members should attend.*

*Mr. Vaccarella stated probably not.*

*Chair Nugent asked if prospective board members could attend.*

*Mr. Vaccarella stated possibly, he would check into it.*

3. **LINCS** - 4/5/13 ADVISORY: Human Infections with Novel Influenza A (H7N9) viruses.

*Ms. Butula noted that so far 17 people have died of H7N9, some with no exposure to birds.*

4. **LINCS** - 3/26/13 INFO: Protecting First Responders From Potential Measles Exposures.

5. **Suspected Hazardous Discharge Notification** letter dated 3/29/13 regarding oil heating #2.

6. **Suspected Hazardous Discharge Notification** letter dated 3/27/13 regarding oil heating #2.

*Ms. Butula noted that the well had heating oil in it. Who is monitoring this?*

*Mr. Vaccarella stated that the state would have been called in on this, a case worker will be assigned to it.*

7. **Suspected Hazardous Discharge Notification** letter dated 3/12/13 regarding oil heating #2.

8. **Block 6/Lot 2** - Letter dated 3/13/13 – NJDEP no further action.

9. **HCDH LINCS** - 4/10/13 UPDATE: Respiratory Virus – Week ending 4/6/13 MMWR Week 14.

10. **HCDH LINCS** - 4/11/13 UPDATE: West Nile Virus Avian Surveillance 2013.

<http://nj.gov/health/er/avianflu.shtml>

*Mr. Vaccarella stated that this is notification that the program has started up again.*

### C. OLD BUSINESS

1. **Volunteer Open House** – 4/10/13.

*Chair Nugent thanked the township and participants.*

*Ms. Butula stated that materials from the public health nursing were included with the BOH materials made available to the public.*

### D. NEW BUSINESS

1. **Annual report** – HCHD [www.co.hunterdon.nj.us/health.htm](http://www.co.hunterdon.nj.us/health.htm)

*The report was posted on the county website today, 4/17/13.*

*Mr. Vaccarella stated that hardcopies will be made up and distributed to the townships.*

*Chair Nugent asked if there were any highlights?*

*Mr. Vaccarella stated the revenue detail is graphed; the environmental health activities; the septic approvals from 2010 to 2012 from the real estate sales have increased; preparedness and public health nursing and education are covered; and the mosquito and vector control program activities are totaled.*

## **2. NALBOH – Ned Baker Lecture in Public Health webinar 4/4/13 “Leading the Way to Healthier Communities: How Leadership Can Strengthen Public Health.”**

*Ms. Butula stated this was a presentation on leadership in all fields, and how it can be applied to public health regarding effective recruiting, clear values, mission statements, role clarification. Ms. Butula stated that she would forward a copy to all the board members, basically it covers the leadership capabilities of every member of the Board of Health.*

## **APPROVALS**

### **Category A. – Single Lots**

*Time heard: 7:25 p.m.*

#### **1. Block 4/Lot 94 – Bayer-Risse Engr., Fleck, Oldwick Road**

Escrow fees paid 3/26/13, # 163, \$750.00.

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

The application for Block 4/Lot 94 is a septic alteration for an existing 4 bedroom home with a malfunctioning septic system. The home is currently vacant, the existing system is a septic tank with one overflow pipe to the ground surface. Soil testing was performed in an area free of wetlands or wetland transition areas. There are no watercourses within 100’ of the proposed disposal field location and no neighboring disposal systems within 50’, no neighboring wells within 100’ of this location. They found non-soil at 24” with mottling at 30” which is treated as the regional water table. Seepage was 42”, and stabilized at 45”. Pit bails were performed with a final rate of 1”/hour. The entire system is being revamped with a new 1,000 gal. 2 compartment septic tank with effluent filter, 1250 gal. pump tank and a mounded soil replacement pressure distribution system at 30” from the ground surface. The owner is aware of the maintenance for the effluent filter that has to be pumped every 3 years or more regularly as needed, also that the proposed system includes a pump tank and the maintenance and deed requirements of the township. Ms. Butula asked what the height of the mound will be at the highest point?

Mr. Jupinka stated about 4 ½’ out of the ground, they are hoping to bring in more soil and blend it into the side yard.

Chair Nugent asked for clarification on the map of the existing capped overflow pipe.

Mr. Jupinka stated that was found upon inspection of the system. There is a hole in the side of the tank and a pipe extends 270’ out as an overflow line. It is currently capped and has been for a number of years, it is empty and will be abandoned and removed.

Chair Nugent stated that he wanted to take this opportunity to thank Mr. Vaccarella for the outstanding job he does for Readington Twp. on all of the reviews, including this one. This Board is very appreciative.

Mr. Colburn stated that the laterals on the drawings were 3.75’ on centers? Then in the write up it says they are 36” on center. Then on the next page it says the permanent marker will have ‘Branchburg Twp.’ on it.

Mr. Jupinka stated that you are allowed up to 3’ from the end of the lateral to the edge of the field. The other was just a typo, Branchburg has their own tags that are used.

Ms. Rohrbach asked if the stream indicated was the Rockaway?

Mr. Jupinka stated that it is a tributary, Rockaway is actually on the other side.

Chair Nugent asked Mr. Vaccarella if there is a responsibility to the downstream neighbors to notify them in a case where this is occurring?

Mr. Jupinka stated that he had inspected it in 2008, and it had been capped at that time.

Ms. Muir stated that this home has been abandoned for a very long time, at least 15 years.

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

There was no response.

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

Block: 4 Lot: 94

Street location: 27 Oldwick Road

# of Bedrooms: 4

Name of owner: Dennis Fleck

Map Title: Septic System Alteration Design for Dennis Fleck, Block 4/Lot 94, Readington Township, Hunterdon County, NJ

# Pages(map): 1 - 11

Map Date: 3/25/13

Map Revisions: none

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

Survey(s): Topographical: Charles E. Saladin Jr., 3/7/13

Boundary: Kenneth W. Miller, N.J.P.L.S., 8/31/09

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

Proposed System Specifications: Alteration, no expansion, mounded soil replacement, pressure distribution system, 2 compartment tank, effluent filter, pump system and associated deed restriction filed with Hunterdon County Clerk.

Soil testing results: Primary - 3/7/13, Soil log 307-1, depth 80", mottling 30 – 54", seepage 42" and below.

Soil log 307-2, depth 81", mottling 30 – 50", seepage 43" and below.

Permeability test, 3/7/13, pitbail 307-1, 80", results K=1"/hour.

Regional water is determined by 307-1 and 307-2, mottling @ 30".

Notes: 1) Engineer testified to General Notes 1, 2, 3 and 4.

2) The deed restriction is to be filed with Hunterdon County Clerk and a copy returned to the BOH office within 90 days.

3) The information for the owner regarding the maintenance and reporting on the pump is available from the BOH secretary.

4) The effluent filter requires maintenance, which the engineer should make the homeowner aware of.

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

Ms. Butula Aye

Ms. Muir Aye

Mr. Colburn Aye

Ms. Rohrbach Aye

Chair Nugent Aye

*Time heard: 7:40 p.m.*

## **2. Block 55/Lot 40 – Kurt Hoffman, Myers, Readington Road**

Escrow fees paid 4/2/13, # 618, \$750.00.

Mr. Kurt Hoffman, NJ licensed engineer, Kurt Hoffman Engineering, appeared before the board. This application is for Block 55/Lot 40, Readington Twp., the estate of Pauline Myers. The existing system on this property is a cesspool, with the code change it is required to be replaced as part of a real estate transfer. Testing on the property was soil logs 1 and 2 and a basin flood #1 as indicated on the plan. Soil log 1 is to a depth of 138", with excessively course horizon from 64 – 138", regional zone of saturation at 80", seepage at 22". Soil log 2 is to a depth of 128", excessively course horizon from 60 – 128", regional zone of saturation at 78", seepage at 118". A basin flood was performed in a third excavation to a depth of 78" with fantastic results. The hole drained in just over an hour. The well is located in the back of the property just outside of the 100' circle with both the proposed 1300 gallon two compartment septic tank and the disposal area. A letter from Jeff Tariela, Environmental Consultants is provided stating that there are no wetlands or wetland transition areas within 150' of the proposed replacement septic system site. The system is a gravity system, no pump, no mound. There are no neighboring septic systems or wells within 150' of the proposed system. Chair Nugent asked how many bedrooms, and the proposed disposal bed is designed for how many bedrooms? Line #4 under design calculations indicates something different.

Mr. Hoffman stated 3 bedrooms for both. Line #4 should have been 1.61 X 500 gallons = 805, the 650 should

be a 500.

There was some discussion regarding corrections to typos.

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

There was no response.

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

Block: 55 Lot: 40

Street location: 65 Readington Road

# of Bedrooms: 3

Name of owner: Pauline C. Myers Estate; Calvin H. Myers, Executor

Map Title: Septic System Design for Pauline Myers Estate, Block 4/Lot 94, Readington Township, Hunterdon County, NJ

# Pages(map): 1 - 5

Map Date: 3/18/13

Map Revisions: none

Prepared By: Kurt Hoffman, P.E.

Survey(s): Topographical: Newton Land Surveyor, 3/15/13

Boundary: Newton Land Surveyor, 3/15/13

Report(s): Hunterdon County Dept. of Public Safety Div. of Public Health Svcs., 4/3/13.

Jeff Tariela Environmental Consulting, 3/28/13, stating no freshwater wetlands or wetland transition areas or state open waters present on or within 150' of the proposed replacement system.

Proposed System Specifications: Alteration, no expansion, gravity, fill enclosed, 2 compartment tank, effluent filter.

Soil testing results: Primary - 3/14/13, Soil log 1, depth 138", mottling 80 – 138", seepage 122".

Soil log 2, depth 128", mottling 78 - 128", seepage 118" .

Permeability test basin flood 1 done 3/14/13, 6.5", passing.

Regional water is determined by soil log 2 @ 78".

Notes: 1) Engineer testified that there are no wells within 100' of this proposed installation.

2) The corrected sheet 2 will be provided to the board secretary within 5 business days.

3) The engineer will make every effort to get the information on the maintenance of the effluent filter is provided to the new owners.

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

Ms. Butula Aye

Ms. Muir Aye

Mr. Colburn Aye

Ms. Rohrbach Aye

Chair Nugent Aye

*Time heard: 7:55 p.m.*

### **3. Block 96/Lot 20 – VanCleaf, Meghadri – Family Dental Group, Route 202**

Escrow fees paid 5/2/12, # 5034, \$750.00.

Mr. Gregg Barkley, N.J.P.E., Van Cleaf Engineering Assoc., appeared before the board. Ms. Butula asked if Dr. Meghadri was currently practicing at this location, and if the names of all dentists practicing at this building would be submitted to the State of NJ with the application?

Mr. Barkley did not know if Dr. Meghadri was practicing there, but thought other dentists were.

Mr. Vaccarella stated yes that would be part of the requirements by the state.

Mr. Barkley stated when you apply for the NJPDES permit there are requirements when there is a new owner, some changes in the documentation. He would check to confirm that.

Mr. Barkley stated as an overview, he is representing Dr. Sam Meghedri the owner of the property at 820 Route 202 North. It is currently a dentists' office and has been for some time. The NJPDES permit was issued in April of 2008. The property is served by on-site well and also by an existing cesspool which is currently in operation. As noted from the drawing on sheet 1, the existing well and existing cesspool are 58' apart. There was a lengthy discussion with Dr. Meghedri regarding that, he indicated that the well had been tested and there was no problem with it. A new system was designed for the property conforming with current standards.

Soil testing was conducted in January 2012 followed by monitoring of groundwater in the soil logs in standpipes. Soil testing was conducted at the rear of the property, it is a fairly small property with few areas to work with. Three soil logs were conducted, soil logs 2 and 3 are utilized for design, soil log 2 had a pit bail conducted in it. Both soil logs had top soil of 10", 10 – 36" of clay loam material underlying 36" – 85" of non-soil fractured shale. Permeability of that material in the pitbail which was 84" was 36"/hour permeability rate, or very rapid. This makes sense because the cesspool was not breaking out to the ground surface so it is absorbing water. A search of the adjoining properties was done, which was time consuming in finding a well head on the adjoining properties. They were identified and are shown on the map outside of the 100' radius. The soils testing and disposal field are 100' from both of those adjoining wells. Stover Well Drilling was hired to verify the depth of the existing well, they determined that the well was only 14' of casing far lower than the requirement as stated in their 2/13/13 letter. A new proposed location is shown on the drawing on the front of the property which is well over 100' from the proposed disposal field or any neighboring wells. Mr. Barkley stated that to the rear of the property is farmland, there are no wells or septic systems within 100'. Also as noted on the drawings, there are no wetlands with 50' of any septic system components as noted on iMaps and published information which was researched. The entire property was walked. A NJPDES permit is applied for because it is a dental clinic, and as such is under the jurisdiction of the NJDEP however as directed by the state, the local Board of Health should first review it.

Chair Nugent asked whose signature was on the application? And is the Bridge Family Dental Group or Family Dental Group the same owner?

Mr. Barkley stated Dr. Sam Meghadri signed the application and he was not sure if the Bridge Family Dental Group/Family Dental Group was the same owner.

Chair Nugent stated in correspondence to the board secretary dated 5/1/12 and 3/4/13, the township is noted as 'Delaware'.

Mr. Barkley stated that that was a typo and should be corrected to 'Readington'.

Chair Nugent stated regarding the new well, is the applicant aware that the well is not optional, but will be required?

Mr. Barkley stated yes, he has been advised.

Mr. Vaccarella stated it is a requirement.

Ms. Butula stated on page 1 of 6, #6. should be corrected to remove "waiver requested".

Mr. Vaccarella asked that a note be added that the existing well is to be abandoned by a licensed well driller. The permit that is filed for 'well abandoned' indicates that the well is sealed.

Chair Nugent stated regarding the NJPDES permit requirements of best management practices and the amalgam separator, have both been applied, installed and are they being followed?

Mr. Barkley stated that generally they are, for this property it hasn't been verified, however it is his understanding that there is some value in collecting some ingredients. The NJDEP does periodic inspections.

Mr. Vaccarella stated once they have been issued the NJPDES permit, they are incorporated into the inspection program.

Mr. Kosinski stated that the permit to construct comes directly from the State, not from the County.

Chair Nugent asked for clarification as to whether or not the County would inspect this system?

Mr. Vaccarella stated this is a unique application, if it is just a TWA, the County would inspect. If it is a strict NJPDES, the County usually does not inspect it. Since a fee was already paid and the County reviewed it already, they may inspect it because it is a check and balance situation.

Mr. Barkley stated that this is not going for a TWA because they can't meet one of the septic system standards.

Mr. Kosinski stated a WQM006A is submitted so that their office can endorse that it is demonstrated that it meets all local state and local requirements of NJAC 7:9A except for the aspect that is the dental office.

Mr. Barkley stated that the statement of consent and the WQM006A would be submitted.

Mr. Kosinski stated that the DEP wants the local administrative authority reviews the design for compliance with NJAC 7:9A and the local requirements.

Chair Nugent stated that that level of concern was not included in the resolution.

There was some discussion of the deed restriction requirement for the pump system.

Chair Nugent suggested possibly including in the resolution wording that would remove the necessity for the applicant to return to this board for approval of the pump. Part of the concern is that every part of this application should be precise. If the board adjourned for this evening and asked the engineer to clarify

by note and wording on the map that the well is now required, then the board would have the opportunity to review the resolution and move this application to a satisfactory conclusion at the next meeting. Chair Nugent stated that coming to a census this evening to everyone's satisfaction may be a challenge. If this board were to apply a resolution that included the pump, thereby removing the necessity for the applicant to come back after the TWA. Part of the concern then is that every part of the application be concise and correct. At minimum, there is the issue of the well on the map, so the request would be made of the engineer to clearly identify by note and by wording on the map that the well is now required. This would give the board the opportunity to follow up on the legalities and hopefully come to a satisfactory end at next months meeting.

Mr. Barkley asked if the general consensus of the board is that if the resolution is passed this evening that the applicant will have to come back? If the property is sold after this point, there is probably some check point that will let future owners know there is potentially some compound in the wastewater that went into the ground.

Ms. Muir stated that the board can request and state in the resolution that a deed restriction be done. Chair Nugent stated the NJPDES regulates the system which means they regulate everything about it. Is the township allowed to require that the dental facility also report to the township maintenance and require it to be every 3 years instead of every 5 years? The deed restriction in this case would put upon the owner of the property the responsibility to maintain that property at a specific interval and report the results of which to this township and the county, how does that hold in that the NJPDES permit is issued by NJDEP? Is this board legally able to require the deed restriction because of the maintenance and recording requirements.

Ms. Muir stated it is possible to state in a resolution that we have an ordinance in place that is more stringent than the state code, and the board would like it effected with their approval and notified as to their actions.

Ms. Butula stated this application is an alteration with no expansion, it is about the total system package, not just the soils, it is the installation and design.

There was some discussion of what the State regulations are as far as a NJPDES permit goes.

Mr. Vaccarella stated that at least if the board put something in a resolution, the State would be able to see what this board wanted on record and what the board had in mind when they passed the resolution.

Ms. Butula stated that it will be important to give details in the resolution regarding the maintenance requirements of the proposed system. Additional information may be given in the motion.

The board agreed that the information should be included within the resolution.

Chair Nugent stated that he was considering rewording the resolution, giving the engineer a chance to make the requested corrections, and hearing this at the next meeting.

Mr. Barkley asked if he or the applicant would have to be present at the meeting, or could they get a copy of the resolution prior to the meeting?

Chair Nugent stated that he did not necessarily see why the engineer had to attend the meeting, but if there were to be discussions at the meeting, he would have to attend.

Mr. Kosinski stated that a 'draft' version could be provided to Mr. Barkley, then once it is memorialized it is official and signed.

Chair Nugent provided Mr. Barkley with a copy of the draft resolution.

Mr. Barkley stated that he would get the revisions to the board a.s.a.p.

Ms. Butula thanked Mr. Barkley for his patience.

## **F. ADJOURNMENT**

A **MOTION** was made by Ms. Muir to adjourn at 9:15 pm, seconded by Ms. Rohrbach with a vote of Ayes all, Nays none recorded.

Respectfully submitted:

Lorraine Petzinger