

READINGTON TOWNSHIP BOARD OF HEALTH MEETING

June 15, 2005 7:00 pm

Chair William C. Nugent called the meeting to order at 7:05 pm and announced that adequate notice of this meeting of the Readington Township Board of Health has been provided, by posting on the Township Bulletin Board, delivery to the Hunterdon County Democrat, the Courier News, filing with the Township Clerk and mailed to the members of the Board of Health.

Attendance Roll Call:

Daniel Allen present @ 7:25 Stephanie Moore present William C. Nugent present
Jane Butula present Beatrice Muir absent Wendy Sheay present
Raymond Facinelli absent

Also Present: Board of Health Engineer: Mr. John Hansen
Board of Health Attorney: Marisa Taormina
Hunterdon County Health Department: Ms. Deb Vaccarella

A. APPROVAL OF THE MINUTES

1. Minutes of May 18, 2005. (-Allen vote).

A **MOTION** was made by Ms. Butula for approval of the minutes of May 18, 2005. This motion was seconded by Ms. Sheay.

Ms. Butula stated on pg. 4 of 8 “ 8 weeks of ground water monitoring submitted showed a ground water reading less than 25 which was based” should read “8 weeks of ground water monitoring was submitted none of which showed a ground water reading less than 25” which was based” as stated in the original minutes of 5/19/04.

A **MOTION** was made by Ms. Butula for approval of the minutes of May 18, 2005 with the single correction. This motion was seconded by Ms. Sheay and passed with a vote of ayes all, nays none recorded. Ms. Albrecht abstained.

Swearing in of new alternate member –

Ms. Christina Albrecht was sworn in as the new alternate Board of Health member by Marisa Taormina, Esq.

B. CORRESPONDENCE

1. NALBOH 13 Annual Conference.

Ms. Butula encouraged the board members to attend, Chair Nugent concurred adding that there may be budget monies available for at least part of the cost.

2. American Public Health Assoc. Annual Exposition. (for distribution).

Chair Nugent noted that this is similar to #1.

3. HCHD - Notice of violation Block 44/Lot 41.

Noted.

4. NJDEP – Well Water analyses Block 93/Lot 61.

Addressee on letter is incorrect.

5. HCHD - Notice of violation Block 31/Lot 17.

Noted.

6. NJDEP – NJ’s Source Water Assessment Pgm. www.state.nj.us/dep/swap

Noted.

7. NJDEP – Draft Surface Water Renewal Permit Action.

Associated article in Democrat, Dr. Souza advised Readington Twp. on new system installation.

8. NJDEP – LOI – Block 72/Lot 26.

Noted.

9. DEP fines developer, engineer and consultant for falsifying freshwater wetland application.

Noted.

10. DEP issues penalties for underground storage tank violation.

Noted.

C. SEPTIC REPAIRS – (HCHD status in italics)

1. Septic System Repair Approval from HCHD, B 64/L 24.08. *Final inspection 5/18/05*
2. Septic System Repair Approval from HCHD, B 64/L 36.01. *Final inspection 5/24/05*
3. Septic System Repair Approval from HCHD, B 51/L 49. *No work done as of 6/9/05.*
4. Septic System Repair Approval from HCHD, B 63/L 18.01. *Final inspection 5/10/05*
5. Septic System Repair Approval from HCHD, B 42/L 8.07. *Final inspection 5/23/05*
6. Septic System Repair Approval from HCHD, B 64/L 37.03. *No work done as of 6/9/05.*
7. Septic System Repair Approval from HCHD, B 70/L 31.29. *Final inspection 6/3/05*
8. Septic System Repair Approval from HCHD, B 45.01/L 63. *No work done as of 6/9/05.*
9. Septic System Repair Approval from HCHD, B 48/L 26.09. *No work done as of 6/9/05.*
10. Septic System Repair Approval from HCHD, B 94/L 3. *No work done as of 6/9/05.*
11. Septic System Repair Approval from HCHD, B 38/L 69. *No work done as of 6/9/05.*
12. Septic System Repair Approval from HCHD, B 73/L 37. *Final inspection 6/2/05*

Carried from 5/18/05:

13. Septic System Repair Approval from HCHD, B 97/L 5. *No work done as of 6/9/05.*
14. Septic System Repair Approval from HCHD, B 70.01/L 11. *Final inspection 5/27/05*
15. Septic System Repair Approval from HCHD, B 54/L 2.10. *Final inspection 5/16/05*

Carried from 4/20/05:

16. Septic System Repair Approval from HCHD, B 73/L 37. *Final inspection 6/2/05*
17. Septic System Repair Approval from HCHD, B 94/L 4.01. *Final inspection 4/22/05*

Carried from 2/16/05:

18. Septic System Repair Approval from HCHD, B 36/L 19. *Pending, the clog was inside sewer line not septic. Will look for another contractor but recently had death in the family.*
19. Septic System Repair Approval from HCHD, B 47/L 7. *Pending, addition to home.*
20. Septic System Repair Approval from HCHD, B 51/L 25.01. *No work has been done, inspection on 2/16/05 showed no ponding or breakout.*

D. OLD BUSINESS

Carried from 5/18/05 -

1. **HCHD Notice of Violation** dated 4/6/05 – B 94/L 3, 60 Lazy Brook Rd.
Follow up on 4/20/05 agenda item B.10.

Chair Nugent read Dawn Faltings HCHD response, she has conferred with the septic contractor, due to a failure to submit plans, a penalty assessment is being prepared.

Ms. Vaccarella noted that the repair is C.10. on agenda, Ms. Vaccarella conferred with Ms. Faltings regarding the scheduling, the contractor would be advised to respond to this violation first.

2. **HCHD Notice of Violation** dated 3/23/05 – Block 67 Lot 8 114 Readington Rd.
Follow up on 4/20/05 agenda item B.12.

Chair Nugent read BOH counsel's response from counselor representing the township building inspector who was named in the lawsuit. Answers to the complaints have

been filed, the attorneys intend on filing motions to dismiss once the applicable time limits set forth in the federal rules of civil procedure have lapsed.

3. Partnership for Health – Community Health Advisory Committee Mtg. 5/26/05.
Chair Nugent attended. Effectively they are revisiting and reviving the Partnership for Health. Mr. Beckley was present. They are trying to initiate two committees.

Documentation will be on file at the BOH office.

4. Governance Document – status.

Ms. Butula stated the Governance Document report is forthcoming through Mr. Seiz and Mr. Beckley @ HCHD for the 7/20/05 BOH meeting.

5. Radon article.

Ms. Butula stated the radon article was published in the Readington Twp. newsletter.

E. NEW BUSINESS

1. NJDHSS – 2004 Right to Know Survey Update – Readington Twp. Schools.

Noted.

F. APPROVALS

Category A. – Single Lots

1. Block 13/Lot 68 – Fine - Sielkowski, Carman Lane.

Escrow fees paid 3/25/05. Check #351. \$500.00.

Previously heard 4/20/05.

Chair Nugent summarized this application was submitted by the engineer, the board is also reviewing Ferriero letter dated 4/4/05, and rain data dated 5/25/05. This applicant is pursuing a variance or waiver of Section 5.8 of the code regarding the in season ground water testing which was done out of season. Notice to the adjoining properties was carried to this meeting.

Mr. Doug Fine represented Mr. Sielkowski before the board. Mr. Fine presented this request for a variance from the ground water monitoring requirements of 8 weeks for the testing performed on this property. The background on this property was discussed at the April meeting. The soil logs were performed by Bayer Risse in April 2003. Mr. Sielkowski hired Mr. Fine while the LOI was being prepared which took almost 1½ years. An extension was granted by the board for the 2 year expiration of the testing. The board and Mr. Fine discussed the ground water conditions on the property and the depth to ground water which was 137 ½” from existing grade. The highest ground water from the accompanying log was 139” depth. Rainfall data from 2002 through 2004 was provided to the board showing typical monthly rainfall totals during which time this testing was performed. There was more rainfall during May 2003 than April 2003. Because of the depth to groundwater on this property, in order to impact the design and the cross section of this disposal field that has been designed the ground water would have had to jump 8 feet to impact the design. That is the basis for the request for variance.

Chair Nugent asked for confirmation that the reason the soils survey map indicates the soils in this area are severe is due to slow permeability.

Mr. Fine stated there was not slow permeability at the depth where they are providing zone of disposal.

Chair Nugent stated the criteria in our ordinance that stipulates the 8 weeks of testing indicates that there are multiple reasons why we require it, one is when ground water is shown within 3 feet of the surface of the ground, is that the case?

Mr. Fine stated that is not the case.

Chair Nugent stated or it shows that non soil is within 3 feet of the ground, is that the case?

Mr. Fine stated that is not the case.

Chair Nugent stated so then it falls within the 8 weeks of testing courtesy of the fact that the soils rated as severe constraints for septic disposal as determined by the conservation service.

Ms. Butula asked to review the explanation as to why the 8 weeks of ground water monitoring was not done?

Mr. Fine stated he could not be certain as to why, the testing was performed by another engineering company, they did provide 3 days.

Ms. Butula asked what variance they were applying for.

Mr. Fine stated they were looking for relief from the requirement to provide 8 weeks of ground water monitoring and relief from the in season for the 1 day that went outside the season.

Chair Nugent asked Mr. Fine for a comparison for the record of the soils encountered in the area relative to the soil survey map identifying them as Norton Loam 2% to 6% slopes.

Mr. Fine stated based on his review, the soil logs performed by Bayer Risse do match the Norton Loam description. The soil survey indicates that soil conditions below 5 feet need to be confirmed. They are down 11 – 12 feet.

Chair Nugent stated your soils survey map identifies 1 – 5 feet and below that.

Mr. Fine stated correct, he felt the upper clay soils have slow permeability as indicated.

Chair Nugent confirmed the depths of the pit bails was more than adequate, was definitely not slow.

Mr. Fine stated the pit bails performed, 428-1 @ 179” with a result of 11.22”/hour; and pit bail 428-2 @ 158” had a result of 12.14”/hour.

Chair Nugent confirmed that an LOI was provided and is on file.

Chair Nugent stated a variance is being requested for the 8 weeks of in season monitoring, and also a waiver to accept the third day of testing being outside the wet season. The engineer noted that the in season ground water monitoring performed did not represent a high water, and would need to exceed an 8 foot increased elevation in order to impact the design of the system.

Ms. Butula stated this breaks the rule of consistency by the board and two seasons went by while they were waiting for an LOI in which they could have corrected the situation and we don’t know what the problem was.

Ms. Taormina read into the record from Ordinance BH:99-02 Section 4: “The administrative authority may, after written application therefore, hearing thereon, and good cause shown, grant permission for variations from the provisions of this Ordinance, where by reason of a extraordinary and exceptional situation affecting the property, the strict application of this Ordinance would result in peculiar and exceptional practical difficulties to, or exceptional and undue hardship upon the developer of the property, or where the benefits of granting a variance outweigh any detriment, but no variation shall be permitted under this Section which would result in a failure to comply with the then current standards for the construction of individual subsurface sewage disposal systems promulgated by the NJDEP.”

A **MOTION** was made by Dr. Allen to **deny the request for variance** because of the reasons cited by Ms. Butula, that were, this breaks the rule of consistency by the board

and two seasons went by while they were waiting for an LOI in which they could have corrected the situation.

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

Ms. Albrecht	Abstain
Dr. Allen	Aye
Ms. Butula	Aye for all the reasons stated previously.
Stephanie Moore	Aye
Ms. Sheay	Aye
Chair Nugent	Nay, motion still carries.

Chair Nugent stated Mr. Fine should go back and resolve the issues, and come back before the board once he has.

Mr. Fine stated the hardship that has now been created is that Mr. Sielkowski has to pay to retest the passing permeability test that he has and provide 8 weeks of ground water monitoring and duplicate exactly what was done, and the design won't change.

Ms. Butula stated that Mr. Fine may want call the Chair for some guidance.

Chair Nugent stated they would be in touch.

2. Block 95/Lot 15 – Van Cleef Engr. – St. Eliz. Ann Seton Parish, Summer Rd.

Escrow fees paid 2/16/05. Check #5738. \$500.00.

Previously heard 4/20/05, 5/18/05.

Mr. John Marmora, Father Serafin and Robert Clerico, Van Cleef Engr. appeared before the board. Mr. Marmora stated this is the third appearance before the board. At the last meeting part of Mr. Clerico's testimony on the two sets of permeability data submitted was supported by undocumented rainfall testimony. That data has now been submitted and the revised plans include grease traps as requested by Ms. Vaccarella.

Mr. Robert Clerico, Van Cleef Engineering Associates reviewed the rainfall data, stating that at the prior meeting, it was requested that rainfall data covering the period that the ground water monitoring occurred should be provided. This information was acquired from the Raritan Twp. Municipal Utilities Authority which operates a sewer plant about 2 miles from the subject property. That data, accumulated on a weekly basis, was submitted to the board for clarification in graphical format.

There was some discussion of the specific rainfall amounts, and using stand pipes and piezometers for testing.

Chair Nugent asked Mr. Hansen's opinion of the additional rain data that was submitted.

Mr. Hansen stated based on the review of the additional data, the piezometers do give a better source of data although the ordinance allows the standpipes, so they are not discounted. With the standpipe readings, you are going to get a more conservative number. If you had to choose between the two, it is recommended to go with the data on the piezometers.

Chair Nugent pointed out that the board had the choice of moving the reserve elsewhere, or to ask for more testing resulting in more piezometers being installed.

Ms. Butula stated a third choice would be to recognize the science of what has been proposed. This is a very difficult decision.

A **MOTION** was made by Ms. Butula to **approve the data** that is being submitted by St. Elizabeth Ann Seton Parish, Block 95/Lot 15 on Summer Road. The engineer is Robert Clerico, Van Cleef Engineering. The map is dated 2/15/05, revisions 4/21/05 and

5/20/05. LOI number 1022-04-0008.1. For the primary, soil log 6 with the zone of saturation at 70", soil log 8, regional zone at 36", pit bail 8. The 8 week in season ground water monitoring was done between 3/8/04 and 4/30/04. The reserve area with soil log 4, with mottling marked at 30" and designated 2b as the regional water table, regional zone, standpipe reading at 12" on 4/13/04 and piezometer reading at 54" on 4/16/04. The reserve soil log 4 at 30", which is the area of mottling, soil log 5 at 72", designing to 30". Pit bail 5 which passed, and the 8 week monitoring was also done 3/19/04 to 4/30/04. This is a deed restricted pump system.

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

Ms. Albrecht	Abstain	Stephanie Moore	Aye
Dr. Allen	Aye	Ms. Sheay	Aye
Ms. Butula	Aye	Chair Nugent	Aye, this has been one of the most difficult applications before us, the science aside, the existence of water in and around the mottles causes reason for pause.

Mr. Marmora thanked the board, stating they appreciated their time and diligence.

3. Block 14/Lot 13.06 – C.F.Tiedeman Engr., Davis, 11 S. Ryland Road.

Escrow fees paid 4/19/05. Check #3759. \$500.00.

Chair Nugent stated the board has for review a letter dated 6/9/05 from the HCHD, revised based on a resubmission by the applicant, also new maps and Form 2b's.

Mr. Charles Tiedeman represented Ms. Davis before the board. This application is for an alteration to the existing system, which has failed. A new disposal area has been designed to the current standards that is a soil replacement fill enclosed design. A pump dosing tank has been included. The new tank is 100' from the well and any existing wells. Topics of discussion are the pump system and a condition called hanging water. The soil profile presents an inner layered clay and silt loam near the surface, the clay loam shows mottling inner fingered, these are transported soils that have inter layered as a result of the deposition, and the soils that are in the zone of disposal are residual soils that are the result of the in place weathering of the bedrock. The design presented is a soil replacement fill enclosed, creates a soil suitability classification of 3WPHR. There was no accumulation of water in the bottom of the soil log over a period of 4 hours and the soils from the zone of disposal were not saturated either. This is a suitable condition for a soil replacement fill enclosed disposal area.

Chair Nugent asked for clarification of how the Form 2b revision represents the hanging water, also the NJDEP classification of hanging table.

Mr. Tiedeman provided a copy of the NJDEP document.

Chair Nugent stated one of the most important points is the restriction on using the soil permeability tests in certain types of soils, in our ordinance under 6.1 under Types of Tests it is known as the soil permeability class rating test, within the ordinance the use of that test is disallowed when the soils are K1 or K0 referring to the soils triangle, more specifically, soils which are clay, silty clay, silty clay loam, sandy clay, clay loam, silt loam or silt. The Form 2b's indicate one of those soils classifications, consequently, the soils permeability class rating test cannot be used for permeability tests in this instance in this town. This would suggest that more testing should be done for this application. The comment regarding K0 or K1 soils references appendix A, Figure 6. of the NJAC 7:9A State Code.

Ms. Butula stated that the mottles would be an accurate description of the regional zone.

There was some discussion of the definition of regional ground water.
Chair Nugent stated conversations with the county or himself would provide guidance.
Mr. Tiedeman asked if this was a continuation of the hearing.
Chair Nugent stated yes, following the resubmission requirements.

4. Block 47/Lot 14 – Biggs - Podpora, 42nd St.

Escrow fees paid 2/18/05. Check #1563. \$500.00.
Previously heard 4/20/05.

Mr. Kurt Hoffman, Biggs Engineering and Mr. Robert Templin, Templin Engineering represented Ms. Podpora before the board. Mr. Hoffman stated this is a continuation of the hearing from 4/20/05. Addressing two of the items in Mr. Ferriero's letter dated 3/8/05, General Comments 2. and 5., both items in regard to the wetlands transition areas. A letter dated 5/10/05 from wetlands consultant Jeff Tareila confirmed that there were no freshwater wetlands, freshwater wetland transition areas, or State open waters within 50' of the subject property.

Mr. Templin stated the soils testing done at the site were under his supervision. The board has copies of the results. Testing done in April of 2004 resulted in very good soil logs, no ground water to a depth of 156, 132". There was no mottling, so no ground water readings. Ferriero letter dated 3/8/05 was reviewed.

The board determined that General Comment items 1., 3. and 6. must be submitted to Ferriero Engineering for review, the severe classification indicates that eight weeks of testing would be required per ordinance.

Submission of the results of that data should be reviewed by Ferriero Engineering and reported to Mr. Templin and Biggs Engineering, providing a checklist for them of the board's requirements.

5. Block 64/Lot 8.13 – Van Cleef – Ryan Homes, Holly Lane.

Escrow fees paid 3/1/05. Check # 210535. \$500.00.

Ms. Lloyd Tubman and Mr. Ed Herrman represented this application before the board. This lot was before the board several years ago, the approved disposal field was staked for construction, the contractor then staked and built the house where the septic bed was. The house was constructed, and should have closed in January. The owners then did eight weeks of testing for a new system and reserve. Ferriero Engineering letter dated 6/2/05 soil logs data will be commented on by Mr. Herrman. Regarding general comment 2. an LOI was provided to the board, Mr. Herrman will address 3.; regarding 4., 2 fully signed and sealed soil log reports were delivered to the BOH office.

Mr. Herrman stated his firm was retained by Ryan Homes in December of 2004. The information provided to the board from another engineering firm was to provide the board with the historical data of this property. Van Cleef Engineering map dated 3/2/05 is the map indicating the current disposal field proposed location.

There is a variance request to reduce the 100' separation requirement down to 50'. An allowance in the ordinance allows 75' if it is fill enclosed.

Mr. Herrman said the State Code states that the 50' is acceptable with no additional measures taken. The 75' is a conservative approach, the concern may be the migration of effluent. The fill enclosed is the most conservative design you can utilize, which would certainly be proposed and designed by obligation because of the 2FC designation.

Ms. Vaccarella stated situations from other towns have offered that a poly liner could be installed between the road and the bed itself to insure that there is no migration.

Mr. Herrman stated that previously a 20ml PVC liner was utilized down to 1' below the level of infiltration which effectively prevents a short circuit, which would go out through the stone and out the upper level. Going down through the sand would offer the proper filtration. This is about the best that you could do.

Mr. Hansen stated in lieu of the plastic liner, you could also do a clay cutoff trench. The plastic liners work effectively.

Ms. Taormina read into the record from BOH Ordinance 98:02 6.1.I. regarding the reserve area requirement "the requirement for a reserve area shall not apply to repairs, alterations, or replacements of existing systems or to existing lots having an area of less than 1 ½ acres."

Chair Nugent asked if anyone in the audience wished to make comment regarding the variance. There was no comment.

Mr. Herrman reviewed the soil log data as presented. LOI # 1022-93-0008.1 was noted for the record.

A **MOTION** was made by Ms. Butula to **accept the data for soils** as presented for new construction for Block 64/Lot 8.13, Holly Lane. The application is for Ryan Homes, presented by Van Cleef Engineering, Mr Ed. Herrman, engineer. Van Cleef map dated 3/2/05, also a map dated 5/25/04, revision 6/15/04, also maps from Applied Water Mgmt. dated 3/8/00, revisions 2/12/01. For the primary area, soil log 813-6, 813-1, basin flood 813-A passing. The regional zone is 70.5 as determined in both soil logs by the 8 weeks of in season ground water monitoring from 3/4/05 to 4/22/05. For the reserve area, soil log 813-2, 813-3, permeability testing basin flood 813-B. The regional zone of saturation is 75". This is a gravity fed system. A variance is requested to reduce the distance to 50' between the primary and reserve areas to the inlet of the storm sewer. A PVC liner will be installed 1' below the level of infiltration along the full length of the wall. This is a fill enclosed system.

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

Ms. Albrecht	Aye	Stephanie Moore	Aye
Dr. Allen	Aye	Ms. Sheay	Aye
Ms. Butula	Aye	Chair Nugent	Aye

A **MOTION** was made by Ms. Butula to **grant a variance** to reduce the distance between the primary and the reserve areas to the inlet of the storm sewer from 100' to 75' because of the fill enclosed, and from 75' to 50' because of the PVC lining to be installed the entire length of the wall. The appropriate notification to area neighbors has been made and verified by receipt to our secretary.

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

Ms. Albrecht	Aye	Stephanie Moore	Aye
Dr. Allen	Aye	Ms. Sheay	Aye
Ms. Butula	Aye	Chair Nugent	Aye

Category B. – Subdivisions

1. Block 12.01/Lots 14.01 & 15 – Apgar Assoc., Emmet, Shagbark Ln.

Escrow fees paid 3/2/04. Checks #3437 \$500.00; #3438 \$500.00.
Previously heard 8/18/04, 5/18/05.

Chair Nugent noted that the approval is for proposed lot 14.02.

Mr. Vincent Ruggiero represented this applicant before the board. Previous concerns of the board including the location of the house and well were addressed. The location of the tank would be annotated on the map and resubmitted.

A **MOTION** was made by Ms. Butula to **approve** the soils presented to the board for Block 12.01/Lot 14.02 proposed; minor subdivision; Shagbark Lane; map dated 4/6/05, revision 5/19/05, prepared by Vincent Ruggiero, P.E.; licensed professional surveyor Wayne Holman, this is new construction on 14.02, on 14.01 is an existing cabin, the board has received proof of potable water, and the existing septic system is functioning. LOI case # 1022-04-0010.1 and FWW 04-00001. For the primary, soil log 7 on 14.02, no mottling, regional zone of saturation of 147". Soil log 10, no ground water was demonstrated. The permeability test basin flood 4 done 12/10,11/04 was passing. For the reserve area, soil log 9, no mottling, no ground water. Soil log 8, also no mottling and dry, permeability test done 12/29,30/04 passed with basin flood 5. This is a gravity fed system with no necessity for a pump. The board is requiring that the engineer resubmit a signed and sealed map which shows the distance from the tank to the well.

This approval also takes into consideration all the restrictions stipulated by the Planning Board. Letters from Ferriero Engineering were submitted 8/12/04, 9/8/04, 5/8/05, 6/2/05 and do ascertain that the applicants engineer has reviewed the LOI and the wetlands are demonstrated appropriately on the map.

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

Ms. Albrecht	Abstain	Stephanie Moore	Aye
Dr. Allen	Aye	Ms. Sheay	Aye
Ms. Butula	Aye	Chair Nugent	Aye

2. Block 4/Lot 57 – Beardslee Engr. Assoc. – Scott Carbone, Far Knoll Lane

Escrow fees paid 9/5/03 Check #12741 \$500.00
Escrow fees paid 10/15/04 Check #2076 \$500.00
Escrow fees paid 6/7/05 Check #1043 \$500.00
Data sent with 12/17/03 approval packet.
Previously heard 1/21/04, 5/18/05.

Mr. William Beardslee appeared before the board. Revisions from last months meeting have been included on the maps including the potential well and septic tank locations, the basin flood and pit bail locations, soil test location, a chart for the primary and reserves on each of the proposed lots, and the associated permeability and test holes. It has been noted that if a pump system is required at any time, it must meet Readington Twp. BOH requirements.

Chair Nugent noted that Lot 1 has sewer connection, so Lot 2 is the first consideration.

A **MOTION** was made by Ms. Butula to **accept the soils data** submitted to the board for Block 4/Lot 57, Lot 2, the map is entitled Test Hole Locations of Property Situated on Block 4/Lot 57, Scott Carbone, dated 10/1/03, revisions 1/6/04, 6/4/04, 1/13/05, 5/25/05, prepared by William Beardslee, Beardslee Engr.. Maps identified test hole locations on the property. This is new construction, the total project is 4 lots, the first served by sewers, Lots 2, 3 and 4 will be septic systems. The primary is soil logs 1 and 2 done 1/29/03, re-excavated 2/11/04, no mottling. The permeability test is basin flood 100 done on 7/23/04, passing. The in season ground water monitoring done 2/12/04 – 4/1/04

demonstrated a regional zone of saturation in soil log 1 at 24 ½” in soil log 2 at 80”. For the reserve, soil logs 3 and 4, done 1/29/03, re-excavated 2/11/04 demonstrated no mottling. There was a question of artesian being present. Permeability tests were pit bail 104 done 2/24/03 and basin flood 103 done 7/23/03, passing. In season ground water monitoring done 2/12/04 – 4/1/04. The regional zone of saturation in soil log 3 was 35”, soil log 4 was 91”. LOI case # 1022-01-00007.1, 12/4/01, intermediate resource value. The conditions of a pump have not been established, they will return if necessary. Ferriero Engineering letters were dated 10/14/04, 3/8/05, 4/14/05. Data submitted because of artesian conditions being a possibility were hydraulic head tests done in two locations, well points were installed on 3/31/05, inspected on 4/1/05, installation in the vicinity of soil log 2 on lot 2, test point 1 installed to a depth of 60’ and 2 installed to a depth of 6”, both were dry on inspection.

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

Ms. Albrecht	Abstain	Stephanie Moore	Aye
Dr. Allen	Aye	Ms. Sheay	Aye
Ms. Butula	Aye	Chair Nugent	Aye

A **MOTION** was made by Ms. Butula to **accept the soils data** submitted for Block 4/Lot 57, subdivided down to proposed Lot 3, the map is entitled Test Hole Locations of Property Situated on Block 4/Lot 57 from Scott Carbone dated 10/1/03, revisions 1/6/04, 6/4/04, 1/13/05, 5/25/05, prepared by William Beardslee, Beardslee Engr.. Maps identified test hole locations on the property. This is new construction, the total project is 4 lots, the first served by sewers, Lots 2, 3 and 4 will be septic systems. The primary is soil logs 5 and 7 done 1/29/03, soil log 5 and 7 demonstrate no mottling, ground water monitoring 102” in soil log 7. The permeability test is basin flood 3 done on 7/10,11/03 at depth of 96”. The regional ground water testing was done from 2/12/04 – 4/1/04, no ground water, dry. For the reserve, soil log 6 and 8, no mottling. Permeability test basin flood 203 done from 2/12/04 – 4/1/04, dry. LOI #1022-01-007.1 done 12/4/01, determined intermediary resource value, the possibility of a pump has not been determined at this time, they must return to the board for approval if one is to be used.

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

Ms. Albrecht	Abstain	Stephanie Moore	Aye
Dr. Allen	Aye	Ms. Sheay	Aye
Ms. Butula	Aye	Chair Nugent	Aye

A **MOTION** was made by Ms. Butula to **accept the soils data** submitted to the board for Block 4/Lot 57, Lot 4, the map is entitled Test Hole Locations of Property Situated on Block 4/Lot 57 prepared for Scott Carbone dated 10/1/03, revisions 1/6/04, 6/4/04, 1/13/05, 5/25/05, prepared by William Beardslee, Beardslee Engr.. This is new construction, the total project is 4 lots, the first served by sewers, Lots 2, 3 and 4 will be septic systems. The primary is soil logs 11 and 13. The permeability is basin flood 6 done on 7/10/03 passing. The in season ground water monitoring done 2/12/04 – 4/1/04, the regional for soil log 11 was 70” and soil log 13 was 115”. Our engineer raised the question of a possible artesian condition, the applicant submitted a hydraulic head test and 2 piezometers were installed in the vicinity of soil log 11 on Lot 4, test point 3 to a depth of 105”, test point 4 to a depth of 6”, both were dry on inspection 4/1/05, reported by Beardslee on 4/5/05. For the reserve, soil logs 12 and 14, and basin flood 5 at 102” done 7/10/03. Regional zone of saturation for soil log 12 was at 127”, soil log 14 at 96”.

LOI #1022-01-0007.112 done 12/4/01, determined intermediary resource value, the possibility of a pump has not been determined at this time, they must return to the board for approval if one is to be used.

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

Ms. Albrecht	Abstain	Stephanie Moore	Aye
Dr. Allen	Aye	Ms. Sheay	Aye
Ms. Butula	Aye	Chair Nugent	Aye

Mr. Beardslee thanked the board for their patience.

G. ADJOURNMENT

A *MOTION* was made by Ms. Moore to adjourn at 10:40 pm, seconded by Ms. Butula with a vote of Ayes all, Nays, none recorded.

Respectfully submitted:

Lorraine Petzinger
Board of Health Secretary