

READINGTON TOWNSHIP BOARD OF HEALTH MEETING

May 17, 2006 7:00 pm

Chair William C. Nugent called the meeting to order at 7:24 pm and announced that all laws governing the Open Public Meetings Act have been met and that this meeting has been duly advertised.

Attendance Roll Call:

Christina Albrecht	absent	Raymond Facinelli	present	William C. Nugent	present
Daniel Allen	present	Beatrice Muir	present	Wendy Sheay	present
Jane Butula	absent				

Also Present: Board of Health Engineer: Ferriero Engr., representative Mr. Joe Kosinski
Board of Health Attorney: Ms. Marisa Taormina
Hunterdon County Health Department: Ms. Deb Vaccarella

Chair Nugent noted that the start of the meeting was delayed due to an earlier meeting of the Township Committee.

A. APPROVAL OF THE MINUTES

1. Minutes of April 19, 2006.

A **MOTION** was made by Mr. Facinelli to **approve** the minutes of 4/19/06.

This motion was seconded by Ms. Sheay.

A **MOTION** was made by Ms. Muir, seconded by Mr. Facinelli to table this motion until all members were present.

Chair Nugent noted on pg. 4 of 11, for Block 13/Lot 3, the street name Mill Road should be included. On roll call vote the following was recorded for approval of the 4/19/06 minutes:

Dr. Allen	Aye	Ms. Muir	Abstain	Chair Nugent	Aye
Mr. Facinelli	Aye	Ms. Sheay	Aye		

B. CORRESPONDENCE

1. NALBOH

a. Newsletter. b. Annual Conference.

- Suspected Hazardous Discharge Notification** letter dated 3/30/06 regarding heating oil at 97 Dreahook Rd.
- Suspected Hazardous Discharge Notification** letter dated 4/7/06 regarding oil at 3 Oldwick Rd.
- Suspected Hazardous Discharge Notification** letter dated 4/4/06 regarding oil at 639 Old York Rd.
- Suspected Hazardous Discharge Notification** letter dated 4/18/06 regarding gasoline at 110 Stanton Mtn.Rd.
- Suspected Hazardous Discharge Notification** letter dated 4/18/06 regarding oil at 25 Bobwhite Rd.
- Suspected Hazardous Discharge Notification** letter dated 4/28/06 regarding oil at 2 Budd Rd.
- HCHD letter dated 4/19/06** regarding Pesticide Control Regs.
- Block 38/Lot 38.01** - NJDEP approval of application for transition area waiver.
- Block 32/Lot 9** – NJDEP application for freshwater wetlands LOI.

11. **HCHD LINCS** - dated 5/1/06 Communicable Disease Report 4/2006.
 12. **Letter dated 4/28/06 from KC Engr.** regarding replacement of County Bridge No. B0701.
 13. **Block 97/Lot 4** – Twp. Engr. review dated 4/11/06.
 14. **Block 65/Lot 18.02** – Twp. Engr. review dated 4/11/06.
 15. **Block 97/Lot 2** – Twp. Engr. review dated 4/11/06.
 16. **Email from HC YMCA** regarding healthier communities. (*fwd. to Recreation*).
 17. **Email from NJDEP** regarding water conservation.
 18. **Letter to Richard I. Clark, Esq.** regarding 4/19/06 Readington Township Board of Health mtg. **Chair Nugent noted regarding B.1. that a link to the NALBOH website from the township webpage would be beneficial to all residents.**
- Ms. Sheay noted the educational plan on page 2 of the newsletter.**
Regarding B. 6., the amount of fuel was clarified.
Chair Nugent noted B. 8. , with thanks to the HCHD for reporting.
B. 9. and 10. are applications which will be coming before the board in the future.
B. 13. and 14. coordinate information to Twp. Engineer.
B. 17. Noted.
B. 18. Correspondence was sent.

C. Septic Repairs (*HCHD status in italics*).

1. Septic System Repair Approval from HCHD, B 38/L 38.07. **Final Field 4/10/06**
 2. Septic System Repair Approval from HCHD, B 98.01/L 2.15. **Final Field 4/18/06**
 3. Septic System Repair Approval from HCHD, B 46/L 25.05. **Final Field 5/3/06**
 4. Septic System Repair Approval from HCHD, B 1.01/L 14.15. **Final Field 4/19/06**
 5. Septic System Repair Approval from HCHD, B 70/L 27.30. **No work done as of 5/8/06**
 6. Septic System Repair Approval from HCHD, B 25/L 56. **No work done as of 5/8/06**
 7. Septic System Repair Approval from HCHD, B 38/L 27. **Final Field 5/3/06**
 8. Septic System Repair Approval from HCHD, B 50/L 1.01. **No work done as of 5/8/06**
- Carried:**
9. Septic System Repair Approval from HCHD, B 66/L 19.52. **Final Field 3/22/06**

D. OLD BUSINESS

1. **LEPC - Local Emergency Planning Committee meeting 4/25/06.**
Chair Nugent stated this was attended by Ms. Petzinger and himself. The meeting was an attempt to organize the different factions of the township to coordinate emergency plans.
Ms. Petzinger stated there was discussion of a tabletop exercise and a functional exercise in the future. A schedule is being put into place to coordinate this.

E. NEW BUSINESS

1. **LEPC – Isolation/quarantine segment. Meeting 5/18/06.**
Chair Nugent stated Ms. Petzinger would represent the BOH at this meeting.

F. APPROVALS

Category A. – Single Lots

1. **Block 62/Lot 19 – Tiedeman, McClain – Stanton Rd.**

Escrow fees paid 2/27/06, Check #4014 \$500.00.

Previously heard 4/19/06.

Mr. Charles Tiedeman, licensed NJ engineer represented Mr. McClain before the board. There were outstanding items from last months meeting. One was the witness schedule, which has been resolved, also the date on the witnessing. The third item was a signed and sealed topography map by the surveyor. This data has been provided to the board. This property was

sold recently, and the elevations in the area of testing have been added to the plan. This is an alteration without expansion.

A **MOTION** was made by Mr. Facinelli to approve the application for Block 62/Lot 19, 118 Stanton Road. Plans were prepared by C.F.Tiedemann. The map is dated 2/23/06, entitled Septic System Alteration Block 62/Lot 19 Readington Township, Hunterdon Co., NJ. This is an alteration for a malfunctioning system, with no expansion. The survey is dated 1/6/06, revisions on 5/4/06 as requested by the Board of Health, entitled Property Survey of Lot 19 in Block 62 Township of Readington, Hunterdon County, NJ, prepared by Michael H. Saperstein of Scott C. Williard, PLS, LLC. This is for soil log 1, regional zone of 110", no mottling, no seepage, no ground water; soil log 2 at 120", no mottling, no seepage, no ground water; soil log 3 at 96", no mottling, no seepage, no ground water. Basin flood in soil log 3 had passing results on 2/8/06, soil logs dated 2/8/06.

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

Dr. Allen	Aye	Ms. Muir	Aye	Chair Nugent	Aye
Mr. Facinelli	Aye	Ms. Sheay	Aye		

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

Escrow fees paid 2/18/05, Check #1563. \$500.00; 3/26/06, #1845.

Previously heard 4/20/05, 6/15/05.

Mr. Robert Templin, licensed NJ engineer and surveyor, and Mr. Jess Symonds, Biggs Engineering, also a licensed NJ engineer represented Ms. Podpora.

Mr. Templin stated soil tests were performed in April 2004. Four days of ground water monitoring was done at that time, no ground water was found. Subsequently, due to severe soil, 8 weeks of monitoring was done in January of 2006, with no ground water found.

The applicant is seeking approval of this ground water testing.

There was some discussion regarding the fact that this lot would not be included in the area in which the spill fund would be available should the well become contaminated. There have been other wells in this general area which have addressed this, treatment systems may be installed, and quarterly testing may be recommended.

Chair Nugent noted in Ferriero's 4/17/06 letter the regional zone of saturation was set at the excavated depth in soil logs 3 and 4 of the primary, and 1 and 5 of the reserve.

Mr. Templin stated the reports read 132" + indicating the regional zone is below that level, somewhere greater than that depth is a zone of saturation.

Mr. Kosinski stated that Mr. Hansen's opinion is that this should not be included on the Form 2b, but does not take exception to the fact that it is indicated with regard to this application.

A **MOTION** was made by Dr. Allen for Block 47/Lot 14, on 42nd St., applicant Barbara Podpora, engineer is Biggs Engineer Assoc., map dated 12/14/04, entitled Septic Design for Barbra Podpora, no revisions. The surveyor is George Sniffin, map dated 11/6/04. For the primary, soil log 3, saturation of 132", soil log 4, saturation at 156". Basin flood #1 passing at 96". For the reserve, soil log #1, saturation at 132", soil log #5, saturation at 132", basin flood #1 passing at 100". Ground water monitoring for 8 weeks at 125" or dry, dates 1/7/06 through 2/25/06. This is new construction, a gravity fed system. Letter dated 5/10/05 established the absence of wetlands. This motion was seconded by Mr. Facinelli.

Dr. Allen amended this motion to state that should well testing be positive for VOC's exceeding the drinking water standards, installation of a POET system and annual testing would be required with test results reported to Hunterdon County Health Department and this Board of Health.

This amended motion was seconded by Mr. Facinelli

On roll call vote the following was recorded:

Dr. Allen	Aye	Ms. Muir	Aye	Chair Nugent	Aye
Mr. Facinelli	Aye	Ms. Sheay	Aye		

3. Block 39/Lot 57 – James Mantz Engr.- Rockaway Creek – Rt. 22 & County Line.

Escrow fees paid 9/7/05. Check #1003.

Data mailed with 4/19/06 packet.

Mr. James Mantz licensed NJ engineer and surveyor appeared before the board. This application is for the construction of a child care facility located at Block 39/Lot 57, at the southwesterly corner of Route 22E and County Line Road. This is an approximately 11.16 acre tract of land. Soil testing done on this property and on map dated 8/2/05 revisions through 2/22/06 entitled Septic Design Plan for Block 39/Lot 57. Previous soil testing results were forwarded by Mr. Chalupa. Mr. Mantz stated they did testing starting in 1/2005, for 8 weeks, in 8/2005 additional permeability tests were done in order to shift the primary bed area. In the 8 week ground water testing, no water was encountered in any of the soil logs, the permeability tests were all basin floods, passing. The child care facility is proposed to have a maximum of 150 students and a maximum of 25 teachers based on the ordinance design flows. The total design flow is 1875 gallons per day. Wetlands on the site were approved by NJDEP LOI; the applicant has the ability to fill those wetlands. The plan shows a storm water detention basin, the beds are outside the 100' radius of the high water mark.

This facility will be connected to public water on Route 22.

Chair Nugent stated concern at the drainage from the parking area and its crossing the sewer line. There was some discussion of a kitchen facility, washing machine, and the detention basin.

A **MOTION** was made by Mr. Facinelli to approve the application for new construction for Block 39/Lot 57, located at the corner of County Line Road and Route 22E. The applicant is Rockaway Creek, LLC, engineer is James Mantz, using map dated 8/2/05, entitled Septic Design Plan for Block 39 Lot 57, 3 revision dates, 9/3/05, 1/17/06, 2/22/06, last revision note stating that a 50' buffer was added on wetlands points W1-1 thru W1-6. LOI no. 1022-02-0003.1. This is a gravity fed system. For the primary area, soil log 103 conducted on 1/3/05, zone of saturation at 173", no mottling or seepage found; and soil log 104 on 1/3/05, zone of saturation at 132", passing basin flood 104a @ 96". Ground water monitoring was done for 8 weeks 1/3/05 – 2/23/05 in soil log 103, no ground water observed during that period. For the reserve area, soil log 101, done 1/3/05, zone of saturation of 150", no mottling or seepage; soil log 102 done 1/3/05, zone of saturation of 146", no mottling or seepage, basin flood 102 passed at 108". Ground water monitoring was done in soil log 102 from 1/3/05 – 2/23/05, no ground water observed during that period. This motion carries 3 stipulations: 1) Any drainage that is run over or around the existing piping to the septic system be done in piping and not be surface drainage. 2) Low flow laundry equipment be included in the laundry room of this facility. 3) No garbage disposals will be used in this facility.

This motion was seconded by Dr. Allen.

The motion was amended to state any piping be in the ground for the proposed parking area drainage, or that if there is any piping that it be sealed in and around any areas from the parking lot.

This amended motion was seconded by Ms. Sheay.

On roll call vote the following was recorded:

Dr. Allen	Aye	Ms. Muir	Aye	Chair Nugent	Aye
Mr. Facinelli	Aye	Ms. Sheay	Aye		

Ms. Muir recused herself from hearing the following application.

Category B. – Subdivisions

1. Block 40/Lot 1 – Van Cleef Engr. , Solberg, County Line Road.

Escrow fees paid 6/2/05. Check #133. \$1,250.00
Previously heard 11/16/05.

Ms. Lloyd Tubman, Archer and Greiner, attorney for the applicant and Mr. Ed Herrman licensed NJ engineer, Van Cleef Engr. Assoc., represented this application before the board.

Ms. Taormina confirmed that Ms. Tubman had received no instruction from her client Solberg Aviation as to the recusal of any board member.

Ms. Tubman stated she had received none.

Ms. Tubman stated there was a threshold question, in the correspondence there are 3 letters, one from Wesley Lance dated 11/6/03 on behalf of Theodore Peters, an adjacent property owner, one dated 4/23/04 sending the same letter to Van Cleef Engr. Assoc., and one dated 2/7/06 sending it to this board. The only letter of substance is the one written 11/6/03 in which Mr. Lance asserts that there is a discrepancy in the deed. There is no documentation included to support this letter. It is not the jurisdiction of the Board of Health to resolve property line disputes. This applicant and the professionals representing it stand behind the signed and sealed survey which was done. This letter is an assertion by a neighbor that may or may not be resolved, it is the neighbors burden to resolve it, not this clients, and not this boards.

Ms. Taormina stated there may be a statute of limitations that has run out at this time.

Chair Nugent stated in a conversation with Mr. Peters, it was determined that this applied to both the property line that separates Block 40/Lot 2 from what the map designates as Lot F, as well as the property line that delineates the west side of proposed Lots F and E. The assertion is that the property line does not extend into the middle of the road, but actually to the eastern side. Chair Nugent had asked Mr. Peters to submit additional data to support this.

Mr. Facinelli stated there is a definite process for determining a boundary line issue. There is no supporting data to substantiate this claim.

Ms. Taormina stated she would concur with Ms. Tubman.

Ms Vaccarella asked if any concerns had been voiced during the LOI process.

Ms. Tubman stated not to their knowledge, and written notice would have been provided to him. The LOI was completed in May of 2004.

Ms. Taormina stated that there is the possibility of the decisions of this board being undone, based on finding that the delineations were other than what is on the LOI map.

It was determined by the board members to go ahead with hearing this application.

Mr. Herrman stated, by way of background the soil testing was started in April 2004, subsequently in the fall of 2004 permeability testing was done, the remainder of the soil testing was done in the wet season of 2005. In November of 2005 lots A and B were approved by this board, Lot C in the reserve area, and E and F were retested. Lot D was not reviewed due to a potential water course area. All of those concerns have been addressed with this present submission.

Chair Nugent suggested they begin with proposed Lot C, corrections and a new basin flood have been submitted.

A **MOTION** was made by Ms. Sheay to approve this application for Block 40/Lot 1, new construction for a 6 lot subdivision, on County Line Road. This is a fill enclosed soil replacement system, gravity fed, select fill no more than 25% fine or very fine. The applicant is Solberg Aviation Co., engineer is Robert Clerico, licensed professional engineer in NJ. The map is dated 5/27/05, entitled Soil Test and Permeability Location Plan for Block 40/Lot 1, revision dates 8/9/05 and 2/1/06 to add new permeability test locations. The surveyor is James McEwen. The LOI is dated 1/5/05, file # 1022-04-0011.1 referenced on the map is an isolated wetland swale of ordinary resource value, no buffer required. There is another wetland area on the map with exceptional resource value, 150' buffer required. Ferriero Engineering letters are dated

8/1/05, 10/5/05, 2/27/06. This is a gravity fed system, if a pump is required in the future, the applicant must return for a waiver.

This is for **proposed Lot C**, for the primary area, the date for the soil logs is 3/7/05, soil log 33, no mottling, seepage at 108", soil log 34, no mottling, seepage at 108", permeability test was done in basin flood 5 at 67" on 10/5/04, passing. For ground water monitoring, for soil log 33, done 3/7/05 – 3/9/05 in open pit, highest reading at 96" on 3/9/05, the open pit ground water monitor readings from 3/7/05 – 3/11/05 in soil log 34, highest reading on 3/9/05 was 75"; soil log 34, piezometer was installed, 8 weeks were done between 3/9/05 – 4/27/05, highest reading 107" on 3/30/05. The design must be based on regional zone of saturation set at 27" due to close proximity of soil log 34 to soil log 35. For the reserve, the dates for the soil logs is 3/7/05 for soil log 35, mottling at 27", seepage at 113". Soil log 36, mottling at 30", no seepage. For the permeability test, basin flood 6a, done on 1/25/06, depth 70", passing. For the reserve, the open pit readings were done in soil log 35, on 3/7/05 – 3/11/05, highest at 96"; soil log 36, open pit, 3/7/05 – 3/11/05, highest at 101". Eight weeks were provided in soil log 35, piezometer done 3/9/05 – 4/27/05, highest 102" on 3/30/05. However, the regional zone of saturation will be defined by the mottling at 27".

This motion was seconded by Mr. Facinelli.

On roll call vote the following was recorded:

Dr. Allen Aye Mr. Facinelli Aye Ms. Sheay Aye Chair Nugent Aye

Chair Nugent stated they would move on to proposed Lot D.

Mr. Herrman stated soil tests for the primary are soil log 6, pit bail 6, associated, soil log 8, monitoring log – DP; reserve area soil log 5 and soil log 7, with associated pit bail 7, monitoring well DR. The primary soil log 6, regional zone of saturation at 51.5", based on open pit reading, soil log 8, regional zone at 49". The monitoring well was significantly deeper, primary was 68.5" maximum. For soil log 5 in the reserve, regional zone at 70", soil log 7 the regional zone was 51". The piezometer maximum reading was 71" on 4/6/05.

Chair Nugent noted that this was the lot with the concern of the drainage and slope easement.

A **MOTION** was made by Ms. Sheay to approve this application for Block 40/Lot 1, new construction for a 6 lot subdivision, on County Line Road. This is a fill enclosed soil replacement system, gravity fed, select fill no more than 25% fine or very fine. The applicant is Solberg Aviation Co., engineer is Robert Clerico, licensed professional engineer in NJ. The map is dated 5/27/05, entitled Soil Test and Permeability Location Plan for Block 40/Lot 1, revision dates 8/9/05 and 2/1/06 to add new permeability test locations. The surveyor is James McEwen. The LOI is dated 1/5/05, file # 1022-04-0011.1 referenced on the map is an isolated wetland swale of ordinary resource value, no buffer required. There is another wetland area on the map with exceptional resource value, 150' buffer required. Ferriero Engineering letters are dated 8/1/05, 10/5/05, 2/27/06. This is a gravity fed system, if a pump is required in the future, the applicant must return for a waiver.

This is for **proposed Lot D**, for the primary area, the date for the soil logs is 4/19/04, soil logs 6 and 8, for soil log 6, no mottling, seepage at 52", soil log 8, no mottling, seepage at 60", permeability test was done in pit bail test PB6 on 4/22/04 at 102", passing at 1.3"/hour, K2. For ground water monitoring, open pit readings for soil log 6, done 4/20/04 – 4/22/04, highest reading at 51.5" on 4/21/04, soil log 8, open pit monitoring on 4/21/04 – 4/22/04, highest reading was 49", piezometer reading was done in soil log 6 to provide 8 weeks were done between 3/9/05 – 4/27/05, highest reading 68.5" on 4/13/05, regional zone at 49". For the reserve, the dates for the soil logs 5 and 7 is 4/19/04, soil log 5, no mottling, seepage at 70", soil log 7, no mottling, seepage at 51", pit bail 7 done at 102" on 4/22/04, passing results. Permeability was 0.2"/hour. For the reserve, in season ground water monitoring, piezometers done 3/9/05 – 4/27/05, highest 71" on 4/6/05. Regional zone of saturation based on 51", open pit on 4/19/04.

This motion was seconded by Mr. Facinelli.
On roll call vote the following was recorded:

Dr. Allen Aye Mr. Facinelli Aye Ms. Sheay Aye Chair Nugent Aye

Chair Nugent stated they would move on to proposed Lot E.

Mr. Hermann stated Lot E, soil logs 29 and 30 for the primary, revised basin flood 11a, monitoring well EP. The reserve testing was soil log 31 and soil log 32, along with revised basin flood 10A and monitoring well ER. Soil log 29 conducted 3/7/05, mottling at 30" was the controlling regional, soil log 30 mottling at 25" was the controlling element. The regional for the primary would be set based on soil log 30 at 25".

The reserve area soil log 31, regional zone based on mottling again at 24", 32 was regional at 36" based on mottling again, the reserve is based on a 24" regional zone. Long term monitoring resulted in readings that were less than the 71" maximum in the primary and 49.5" in the reserve. There was some discussion of road runoff and the shallow mottling.

A **MOTION** was made by Ms. Sheay to approve this application for Block 40/Lot 1, new construction for a 6 lot subdivision, on County Line Road. This is a fill enclosed soil replacement system, gravity fed, select fill no more than 25% fine or very fine. The applicant is Solberg Aviation Co., engineer is Robert Clerico, licensed professional engineer in NJ. The map is dated 5/27/05, entitled Soil Test and Permeability Location Plan for Block 40/Lot 1, revision dates 8/9/05 and 2/1/06 to add new permeability test locations. The surveyor is James McEwen. The LOI is dated 1/5/05, file # 1022-04-0011.1 referenced on the map is an isolated wetland swale of ordinary resource value, no buffer required. There is another wetland area on the map with exceptional resource value, 150' buffer required. Ferriero Engineering letters are dated 8/1/05, 10/5/05, 2/27/06. This is a gravity fed system, if a pump is required in the future, the applicant must return for a waiver.

This is for **proposed Lot E**, for the primary area, the date for the soil logs is 3/7/05, soil logs 29 and 30, for soil log 29, there was mottling at 30", no seepage, soil log 30, mottling at 25", no seepage, permeability test was a basin flood #11A done 1/24/06 to a depth of 5.67', passing.

Open pit readings for soil log 29, done 3/7/05 – 3/11/05, highest reading at 82" on 3/9/05, open pit readings for soil log 30, 3/7/05 – 3/11/05, highest reading 84", piezometer reading was done in soil log 29 to provide 8 weeks of monitoring from 3/9/05 – 4/27/05, highest reading was 71" on 4/6/05. The design is based on regional zone of saturation of 25" due to mottling in soil log 30. For the reserve area, soil logs 31 and 32, done on 3/7/05. For soil log 31, mottling at 24", seepage at 108", soil log 32, mottling at 36", seepage at 120". Permeability test for the reserve area is basin flood 10A, done 1/24/06, depth 66", passing. For the reserve area the ground water monitoring readings, for 8 weeks from 3/9/05 – 4/27/05, highest reading on 4/13/05 @ 149 1/2" the open pit readings for soil log 31 done 3/7/05 – 3/11/05, highest readings 96" on 3/9/05. Open pit readings for soil log 32 done 3/7/05 – 3/11/05, highest reading is 107" on 3/9/05. Regional zone of saturation for the reserve area will be based on 24" of mottling in soil log 31.

This motion was seconded by Mr. Facinelli.

Chair Nugent noted that this lot may be impacted by the question on property line delineations.

On roll call vote the following was recorded:

Dr. Allen Aye Mr. Facinelli Aye Ms. Sheay Aye Chair Nugent Aye

Chair Nugent stated they would move on to proposed Lot F.

Mr. Hermann stated Lot F, soil logs 25 and 26 for the primary, basin flood 14a, piezometer FP. The reserve testing was soil log 27 and soil log 28, basin flood 12A and monitoring well FR. Soil log 25 and 26, highest regional zone at 27" in 25 based on mottling. For the reserve, soil logs 27 and 28 both

had mottling at 25", that would be the controlling zone of saturation. Long term monitoring resulted in depth significantly deeper in both cases, 98.5" in the primary, piezometer 73.5" in the reserve. Chair Nugent noted that this lot is significantly impacted by the wetlands delineation and the 150' buffer for exceptional resource value, non isolated wetlands. Also there is mottling throughout the lot, 27" in the primary, 25" in the reserve.

Chair Nugent asked if there were any designation of a 100 year flood line regarding Chambers Brook. Mr. Herrman stated there is a flood hazard line and a conservation easement denoted as FH on the plan. In accordance with the tax map, it is represented as a more angular line, slightly north of the flood hazard line.

Ms. Tubman stated the wetlands evaluation states this designated wetlands area consists of the flood plain associated with Chambers Brook, which is consistent with this mapping. The flood hazard area consists of the flood way, which is the water course itself, and the associated flood plain, which is the flood hazard area. Together they are the total of the regulated flood hazard area.

Mr. Kosinski stated typically the 100 year flood plain is less than the delineated flood hazard line, the flood hazard area line is a conservative mark for the 100 year flood plain.

A **MOTION** was made by Ms. Sheay to approve this application for Block 40/Lot 1, new construction for a 6 lot subdivision, on County Line Road. This is a fill enclosed soil replacement system, gravity fed, select fill no more than 25% fine or very fine. The applicant is Solberg Aviation Co., engineer is Robert Clerico, licensed professional engineer in NJ. The map is dated 5/27/05, entitled Soil Test and Permeability Location Plan for Block 40/Lot 1, revision dates 8/9/05 and 2/1/06 to add new permeability test locations. The surveyor is James McEwen. The LOI is dated 1/5/05, file # 1022-04-0011.1 referenced on the map is an isolated wetland swale of ordinary resource value, no buffer required. There is another wetland area on the map with exceptional resource value, 150' buffer required. Ferriero Engineering letters are dated 8/1/05, 10/5/05, 2/27/06. This is a gravity fed system, if a pump is required in the future, the applicant must return for a waiver.

This is for **proposed Lot F**, for the primary area, the date for the soil logs is 3/7/05, soil logs 25 and 26, for soil log 25, there was mottling at 27", seepage at 96", soil log 26, mottling at 30", seepage at 128", permeability test was basin flood #14A done 1/24/06 to a depth of 66", passing. Open pit readings for soil logs 25 and 26, done 3/8/05 – 3/11/05, highest reading for soil log 25 at 102" on 3/11/05, open pit readings for soil log 26, 3/9/05 – 3/10/05, highest reading 109", 8 weeks of monitoring done soil log 25 with a piezometer 3/9/05 – 4/27/05, highest reading was 98.5" on 4/6/05. The design is based on soil log 25, mottling at 27".

For the reserve area, soil logs 27 and 28 done on 3/7/05. For soil log 27, mottling at 25", no seepage, soil log 28, mottling at 25", seepage at 60". Permeability test for the reserve area is basin flood 12A, 72" done 1/24/06, passing. In season ground water monitoring, the open pit readings done 3/8/05 – 3/11/05, for soil log 27 the highest readings 97" on 3/11/05; for soil log 28 the highest reading was 92" on 3/9/05 – 3/11/05. Eight weeks of in season ground water monitoring done in soil log 27, piezometer, dates are 3/9/05 – 4/27/05, highest reading is 73 1/2" on 3/30/05. Regional zone of saturation for the reserve area will be 25" based on mottling both soil logs 27 and 28.

This motion was seconded by Mr. Facinelli.

Chair Nugent noted again that this lot may be impacted by the question from an adjoining homeowner on means and bounds.

On roll call vote the following was recorded:

Dr. Allen Aye Mr. Facinelli Aye Ms. Sheay Aye Chair Nugent Aye

Ms. Tubman and Mr. Herrman thanked the board for their diligent and late service.

Chair Nugent thanked Ms. Tubman for conferring with counsel ahead of time.

G. ADJOURNMENT

A *MOTION* was made by Mr. Facinelli to adjourn at 11:06 pm, seconded by Ms. Sheay with a vote of Ayes all, Nays, none recorded.

Respectfully submitted:

Lorraine Petzinger
Board of Health Secretary