

READINGTON TOWNSHIP BOARD OF HEALTH
February 19, 2014

Chair William C. Nugent called the meeting to order at 7:06 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				

Also in attendance: Board of Health Engineer, Ferriero Engineering representative Joe Kosinski

Not in attendance: Division of Public Health - Deb Vaccarella.

The following member read the oath of office:

SWEARING IN OF MEMBER –

Beatrice Muir - for a term of one year.

A. APPROVAL OF THE MINUTES

1. Minutes of 1/29/14. (*-Muir vote*).

A **MOTION** was made by Ms. Butula to approve the minutes of the 1/29/14 meeting.

The motion was seconded by Ms. Rohrbach.

Mr. Colburn noted that there was no 'second' for the motion to appoint a secretary.

On roll call vote, the following was recorded for approving the 1/29/14 minutes as corrected:

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

B. CORRESPONDENCE

1. Block 70/Lot 17.28 – Letter dated 1/10/14 – NJDEP no further action.

2. Block 12/Lot 12 – Letter dated 1/10/14 – NJDEP no further action.

3. Block 14/Lot 7 – Letter dated 1/27/14 – NJDEP no further action.

4. Block 14/Lot 29.02 – Letter dated 1/6/14 – NJDEP notice of application incompleteness.

5. HCDPHS – Annual Municipal BOH Member Meeting – 3/25/14.

Ms. Butula and Mr. Colburn will attend this meeting.

6. HCHD LINCS- Update: NJ Animal Rabies Cases 1/1/13 - 12/31/13.

http://www.state.nj.us/health/cd/rabies_stats.shtml

7. HCHD LINCS- Update: Notification by Local Health Dept. Staff of all parties involved with Animal Rabies Cases.

http://www.state.nj.us/health/cd/documents/postexp_rabies_Guide.pdf

8. DEP – onsite management advisory – Wastewater Mgmt. Program.

Mr. Colburn noted the brochure which is available on the websites as listed.

9. HCHD LINCS- Update: Municipal Dog Licensing Procedure and Rabies Vacc. Requirement.

10. HCHD LINCS- Update: Respiratory Virus Surveillance Report, Week ending 2/8/14. MMWR Wk. 6.

11. Walmart Store 5069 – Potable Well Sampling Results, 1/28/14.

Chair Nugent noted that this is an update of a previous situation at this location.

C. OLD BUSINESS

1. Free Rabies Clinic, Saturday, 2/1/14, Readington Twp Recycling Garage, 287 Mountain Road.

www.co.hunterdon.nj.us/health/rabiesclinics.htm

153 animals inoculated - 111 dogs; 42 cats.

Ms. Petzinger stated that this was the busiest clinic to date, Mr. Bobby Brown from the Public Works Dept. was invaluable in his assistance at the clinic.

A MOTION was made by Ms. Butula to send a letter of thanks to Mr. Brown for being so gracious and helpful with the unexpectedly large turnout at the clinic.

The motion was seconded by Mr. Colburn, and passed with a vote of Ayes all, Nays none.

2. Block 70/Lot 31.37 – Biggs Engineering – submission of revised plans within 5 business days of 12/18/13.

Not received to date.

Chair Nugent confirmed that the revised plans have not been received to date. Ms. Petzinger stated they have not. Chair Nugent asked that Ms. Petzinger contact the County and ask that they hold the application for any further approvals until the revised plans are received by Readington Township Board of Health.

D. NEW BUSINESS

1. Partnership - Substance Abuse Subcommittee – Ms. Butula stated that a new power point presentation has been put together. Public health educator Darlene Andes will present it at meetings in Hunterdon County.

E. APPROVALS

Time heard: 7:20 p.m.

1. Block 53/Lot 2.13 – Kurt Hoffman, Maggio, 107 East Militia Road.

Escrow fees paid 1/31/13, ck.#402, \$750.00

Mr. Kurt Hoffman, NJ licensed engineer appeared before the board. This application is for an existing dwelling with a malfunctioning system. The existing system is backing up into the home requiring constant pumping. This is in preparation for the sale of the home, however there is no contract at this time. Test pits 1, 2, 3, and 4 were attempted in the rear of the property, the southwest portion in an attempt to get a gravity system on the lot. All the logs had characteristics of good conditions but with no water in the ground could not perform a pit bail test, or couldn't perform a permeability test therefore could not design a system at that location. The 100' well circle and well tests in back covered the rear of the property. They moved to the front of the 100' well circle which had good results with soil logs 1 and 2, soil log 2 with a pit bail. Due to the topography it wouldn't make sense to create a gravity system so far away, so this will require a pump. Note #7. states that the use of the pump was reviewed and the property owner is aware of it. Plans submitted to the County were also submitted to Readington. The County wanted 4 changes in order to be 100% correct, those changes were made and submitted to the BOH office, including the correction of a typo stating that the pump is existing when it is not. Note #5. states that the tank requires maintenance every 3 years which is specified, and again Note #7. regarding the pump will need to be approved by the board, and has been discussed with the homeowners and they are aware of the maintenance. There is an existing 1,000 gallon tank and the proposed 1300 gallon pump tank and disposal field.

Chair Nugent stated for the record what they are discussing is the septic design for Maggio sheet 1 of 6, indicating a revision from HCHD on 2/7/14, specifically the changes in the wording changing the pump tank wording from existing to proposed.

Mr. Hoffman stated that soil log 2 is the pit bail, 'PB1' was added.

Ms. Butula noted that the referenced pit bail says soil log 2, but the sheet says 1. The correction may be made and initialed tonight.

Mr. Hoffman stated note #19. indicates a 150' line around the disposal field showing no wells or septic in that area. Chair Nugent confirmed that sheet 1 of 6 annotates the pit bail in close proximity to soil log 2, by contrast form 3f indicates it as soil log 1.

Mr. Hoffman stated that sheet 1 of 6 should be revised swapping the soil log indications submitted to the board. Chair Nugent noted that a map in the file regarding an ECHO unit was reviewed, further correspondence, along with Mr. Hoffman's testimony indicated that the unit never materialized.

Chair Nugent confirmed that Mr. Hoffman could submit the revisions as discussed to the BOH office within 5 business days or sooner?

Mr. Hoffman stated absolutely.

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

There were no further comments.

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

Block: 53 Lot: 2.13

Street location: 107 E. Militia Road

of Bedrooms: 4

Name of owner: Ralph and Evelyn Maggio

Map Title: Septic System Design for Ralph Maggio, Block 53/Lot 2.13, Readington Township Hunterdon County, NJ

Pages(map): 1 - 6

Map Date: 1/30/14

Map Revisions: pg. 1, 2/7/14

Prepared By: Kurt Hoffman, P.E.

Survey(s): Topographical: David M. Newton, PLS, 1/29/14

Report(s): Hunterdon County Dept. of Public Safety Div. of Public Health Svcs., 2/18/14

Wetland investigation report, Jeff Tariela, 2/4/14, no freshwater wetlands or state open waters were present on or within 150' of the proposed system on Block 53/Lot 2.13.

Proposed System Specifications: Proposed alteration with no expansion, mounded, select filled, enclosed system with pump.

Soil testing results: 1/24/14, Soil log 1, @ 84", mottling 30 – 84", seepage @ 40", after 24 hours flooding @ 37". Soil log 2, @ 84", mottling 32 – 84", seepage @ 54", after 24 hours flooding @ 50". Permeability pit bail 1-1, 1/25/14 @ 84", result 0.69"/hour. Regional zone of saturation determined by soil log 1 @ 30" due to mottling. Testimony was given by the engineer re: Note 19. that adjoining wells within 150' of the proposed disposal system have been located on the plan and there were none. Adjoining disposal systems within 150' of the disposal system have been located on the plan. A revised sheet 1 of 6, reversing the soil logs and the placement of the pit bail will be sent to the BOH secretary within 5 business days. There is not an existing pump tank. Mr. Hoffman has testified that the owner is aware of the deed restriction filing and maintenance to be filed with the county and a copy returned to the Board secretary within 90 days and the maintenance requirement for the pump and the effluent filter. If this property is sold, the information will be forwarded to the new owners.

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

Ms. Butula Aye

Ms. Muir Aye

Mr. Colburn Aye

Ms. Rohrbach Aye

Chair Nugent Aye - but with the caveat that he is

always cautious about things that are not correct coming to the board. The sheet designation of the soil logs being incorrect and backwards causes reason for pause. Normally this would not be approved but given the fact that the board was advised that the effluent is backing up into the home and there is a health situation, he is going to approve it, but asks that Mr. Hoffman confirm to this board in writing that not only has that revision been submitted to this board, but also to the County and Mr. Hoffman has confirmation that they received it. With that Chair gives his approval.

Time heard: 7:48 p.m.

2. Block 46/Lot 5.04 – Parker Engr., Meade, 618 Route 523.

Escrow fees paid 8/21/13, ck.#3681, \$750.00 Data mailed with November 2013 approval packet.

Previously heard 12/18/13, 1/29/14 w/o engineer.

Mr. Steve Parker, NJ licensed engineer appeared before the board with applicant Mr. Richard Meade.

Chair Nugent stated that noticing had been done for this application, so the audience would be polled later.

Mr. Parker stated that this application is for an expansion, an existing home with an existing septic system that is functioning fine but the home is being increased from 3 to 5 bedrooms. The existing field is being increased and they are requesting a variance for the separation requirement between the primary and reserve area. 30' is required, but they are proposing 0'. They are proposing to use 2 soil logs and a pit bail test that was performed by Parker Engineering, and then 2 soil logs and a pit bail performed by Bayer-Risse Engr. for the prior system which was approved by this board.

Chair Nugent stated that there were some questions and a revised Ferriero letter dated 1/7/14 discussed at the last BOH meeting, has Mr. Parker received all of this?

Mr. Parker stated yes, he has spoken to Mr. Kosinski also. There was a question of the different rates of the pit bail test between the two engineering firms. Given the nature of the tests, the fact that they are still within the same permeability class, 6 – 20"/hour range indicates that they are pretty consistent. There would be no changes or differences to the bed, or the two areas. The soil logs and permeability for the primary and reserve disposal areas being proposed and designed are exactly what has been annotated in the Ferriero Engr. 1/7/14 letter. The primary disposal area is utilizing soil log SL1/PB1 performed by Parker Engr. on 1/24/13, also utilizing soil log SL2 by Parker Engr. on 1/24/13. Soil log SL0210-1 performed by Bayer-Risse Engr. on 2/10/05 and SL 0210-2 performed by Bayer-Risse Engr. on 2/10/05. The pit bail test, 0210-1 by Bayer-Risse was for the primary. SL1/PB1 is for both the primary and reserve, it is within 15' of both. For the reserve disposal area they are using soil log SL1PB1 performed by Parker Engr. on 1/24/13 as the soil log and pit bail test, and also soil log 0210-2 performed by Bayer-Risse Engr. on 2/10/05.

Chair Nugent asked what the K rating of PB1 performed by Parker Engr. on 1/24/13? and the K rating of the original pit bail test used for the construction of the primary area on and around 2/10/05 known as PB 0210-1? And does the difference between those two ratings in any way shape or form alter the design of what would be a new system if that were being designed?.

Mr. Parker stated 6.1"/hour; and 12.2"/hour. It does not alter the design because they are both in the same permeability class, 6 – 20"/hour permeability class. The design of the system is based upon a 6 – 20"/hour rate, it is not going to change any part of that design.

Chair Nugent asked the board if there were any further questions.

There was no response.

Chair Nugent asked if there were anyone in the audience that was noticed, and wished to speak to this application?

There was no response.

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

There were no further comments.

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

Block: 46 Lot: 5.04

Street location: 618 Route 523

of Bedrooms: currently 3, 5 total proposed

Name of owner: Mr. and Mrs. Richard Meade

Map Title: Septic System Design for Lot 5.04/Block 46, Readington Twp Hunterdon County, NJ, 8/7/13

Pages(map): 1 - 6

Map Date: 1/30/14

Map Revisions: 9/19/13

Prepared By: Stephen E. Parker, P.E.

Survey(s): Boundary and Survey: Gregg A. Gaffney, 6/24/11

Report(s): Ferriero Engr., 9/11/13, 12/23/13, Hunterdon County Dept. of Public Safety Div. of Public Health Svcs., 3/4/05., Readington Twp BOH minutes from 3/16/2005, pg. 1 of 1 plans dated 5/24/05 from Theodore Bayer; correspondence from Stephen Parker dated 10/23/13; email dated 1/6/14 from BOH Chair to Joe Kosinski; email 12/23/13 to L. Petzinger regarding this application.

Proposed System Specifications: Proposed alteration with expansion, a waiver is given for the pump system.

A deed restriction was filed with the 2005 approval and is currently on file at the BOH office. Mr. Meade is aware of the recording and maintenance requirements. A variance is requested due to distance between the primary and reserve areas being 0' (30' is required by RT ordinance).

Soil testing results: 1/24/13, Soil log 2, @ 90", no mottling, seepage @ 72", flooding @ 72".

Soil log 1, @ 117", no mottling, water @ 76" in standpipe, seepage @ 87". Soil log 0210-1 @ 112, done 2/10/05, no mottling, rapid seepage @ 78" and 24 hour standing water @ 63". Soil log 0210-2 done 2/10/05, @113", no mottling, seepage @ 74". Permeability is pit bail 1, 1/24/13, 6.1"/hour. Pit bail 0210-1 @112", K=12.2"/hour. Ferriero statement read "the elevation of the expanded proposed primary disposal area coincides with the elevation of the previously approved primary disposal area established by soil logs 0210-1 and 0210-2 recorded by Bayer-Risse Engr. 2/2005, regional zone of saturation @ 63" below ground surface". The primary area is not an original installation but is an expansion of a bed installed in 2005. Reserve area, 1/24/13, soil log 1@ 113", no mottling, water @ 76" in standpipe, seepage @ 87", soil log 0210-2, 2/10/05 @ 113", no mottling, rapid seepage @ 74". Permeability is pit bail 1 done on 1/24/13, @ 117", results 6.1"/hour. In season ground water monitoring applicable to both primary and reserve was done 1/28/13 – 3/18/13, 2/4/13, 2/18/13 had water at 76". Regional zone of saturation for the primary is determined by soil log 0210-1 @ 63". The regional zone of saturation for the reserve is determined by soil log 0210-2 @ 74". Testimony given by Mr. Parker was that he walked the entire property and found no examples of wetland or wetland transition areas.

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

Ms. Butula Aye

Ms. Muir Aye

Mr. Colburn Aye

Ms. Rohrbach Aye Chair Nugent

Time heard: 8:22 p.m.

3. Block 75/Lot 19 – Van Cleef Engineering, Profeta, Route 202/Summer Road.

Escrow fees paid 5/19/11, 7/19/11, 8/10/11 Cks. # 13610, 13657, 13923 \$750.00.

Data mailed 7/25/11. Previously heard 8/17/11, 11/16/11, 7/18/12 - Resolution BH-R-2012-05.

Ms. Lloyd Tubman, Esq. Archer & Greiner, and Mr. Peter McCabe, NJ licensed engineer with Van Cleef

Engineering appeared before the board representing Pleasant Run LLC owner of Block 75/Lot 19. Ms. Tubman stated that the application this evening is for a pump system to expand the disposal to a previously approved septic subsurface disposal system by 150 gallons. This application was submitted some time ago, and thanks to Ferriero Engr. for raising the question that was subsequently addressed with DEP, that was confirmation that the dairy sanitary and hand sink use to the approved system would still be within the 2,000 gallons, which leaves the Readington Twp. Board of Health as the approving authority. Thanks to this board also for the courtesy of perusing the resolution in advance, a substantive correction is item 4. under the 5th WHEREAS, "new 1500 gallon dosing pump tank" was previously approved.

Mr. McCabe stated that they are discharging to a previously approved dosing tank.

Chair Nugent stated that during the prior reviews and approvals it was never referred to as a 'dosing' tank it was always a pump tank. In reviewing the map as presented, there are 3 tanks in close proximity to the disposal field, the presumption is that one is a septic tank, the other was the original pump tank and this now introducing the dosing tank, is that true?

Mr. McCabe, NJ licensed engineer with Van Cleef Engineering, practicing for over 20 years stated that he designed the proposed system. The elements of the application before the board are summarized as 150 gallons that are discharging from dairy facility to a 1,000 gallon septic tank. From there it is going to a pump tank, which is the subject of the variance, that is being pumped by a forced main, 2,435 linear feet to an existing pump tank which does dose that field, the dosing tank as designed because of the volume that is being discharged. The volume being discharged under the previous approval is 1500 gallons, there are two septic tanks and one pump tank.

Mr. Kosinski presented the board with a copy of the approved plan from the farm stand. There are two 1500 gallon septic tanks and then the dosing tank on the original approval.

Chair Nugent noted that the substantive improvement to the resolution needs to be qualified. The original plan that was approved indicates that the third tank in the series on the way to the bed was previously annotated as pump tank. On the newest plans it has been annotated as dosing pump tank, leading to the assumption that it is new. So #4. under the 5th WHEREAS shall be renamed '1500 gallon dosing pump tank previously approved and known as..'

Ms. Tubman gave an overview of the system, this Board adopted a resolution previously after the applicant got a Treatment Works Approval. Hunterdon County Health Dept., then approved the design. Mr. McCabe will review the elements of the previously approved design, and indicate the addition.

Chair Nugent stated that he is very excited to see this proposal.

Ms. Butula stated that it is her understanding that this is completely organic.

Ms. Tubman stated that the entire operation is organic, both the farming and dairy.

Mr. McCabe stated that the idea is to be a unique facility in NJ, the idea that the organic produce is grown on the farm, the cows are milked on the farm, it all stays on the farm.

Mr. McCabe indicated the map, stating that this Board had previously approved the septic system as located to the lower corner along 202, the southwest corner of the site. The farm stand produces a flow of 1500 gallons, the septic system is designed for 1788 gallons/day, resulting in a surplus. When the plans for the dairy, cow barn, creamery, calf barn and all the agricultural uses proposed in the northern section of the site, they looked at the possibility of a force main, calculated the number of employees for a basis for the sewer flow and proposed a force main that pumps to the existing field resulting in a total of 1650 gallons contributing to the 1788 gallons, the 150 keeps them under the 2000 gallons as previously mentioned.

Ms. Butula thanked Mr. McCabe for putting that on the record.

Ms. Muir asked Mr. McCabe to indicate the direction of flow to and from on the map.

Mr. McCabe stated that from the new septic tank and pump tank, the force main is to the south to the previously approved system, utilizing one pump.

Ms. Butula asked if the following were still standing in the calculations to get to the 2,000 gallons/day; the farm stand 1500; the dairy operation 150; and the 2 bedroom dwelling 350? and is the 2 bedroom dwelling in the corner of the map?

Mr. McCabe stated yes to the calculations, and yes, the 2 bedroom dwelling is up in the corner of the map, it is at the end of the cul-de-sac of Hixson Road.

Ms. Tubman stated that DEP requires it to be counted since it is on the same lot. As a practical matter, they are never going to pump from that house down to the system, it is not connected and never will be.

Ms. Butula asked if the slaughter house operation would be connected to this?

Ms. Tubman stated that the Dept. of Agriculture has a protocol that the waste from that operation goes into a holding

tank as documented in the Best Farming Practices.

Ms. Butula noted the well that is near Summer Road, is there proof that it is potable?

Mr. McCabe stated that it is an irrigation well, however it may be converted to potable.

Ms. Tubman stated that a potable defined water source would be required prior to getting a building permit.

Chair Nugent stated in the milking center cow barn, is that where the wash sink and restrooms are to be installed? And also there would be water usage to clean the milking equipment, etc., how is that diversion of the milking equipment/water usage to be accomplished to avoid the effluent distribution to the existing bed?

Mr. McCabe stated that he hasn't seen a set of plumbing plans, but there is clear intent that all of that process will be drained in another direction. There is clearly a separation of the sanitary waste from the toilets and wash sinks and the rest of the processes.

Ms. Tubman stated that she has a letter dated 6/24/13 from the Dept. of Agriculture that describes the best agricultural process diversion of process water through the manure facility and then for application on fields.

Chair Nugent asked if the existing home on the property has its own septic system? If there are revisions, perhaps it could be noted. And is the well for that home potable? This may have been requested previously.

Mr. McCabe stated yes it does have a septic system.

Ms. Tubman stated that they are not certain that they know the location of the septic system since it is an older home.

Mr. McCabe stated that they could closely approximate where it is, with the owners help, etc.

Ms. Tubman stated regarding the well, the system at the existing house is totally unrelated spatially.

Ms. Butula stated that as a matter of routine for the safety of anyone living in that dwelling, the board usually requests it.

There was some discussion of the well being annotated on the map.

Chair Nugent stated that the map with no revisions has a circled letter 'W' above the words 'existing well', neither of which has transferred to the revised map.

Chair Nugent referred to Mark Miller's notation that 'technically there are better and sounder options to the design' noting that his opinion for the design was not asked. Can Mr. McCabe elaborate on what design could have been proposed to the board?

Mr. McCabe stated that he couldn't speak to that, but he thought Mr. Miller was referring to a stand alone system.

Mr. Kosinski stated that the plan had been reviewed with Mr. Hansen and Mr. Ferriero, and it was not determined what was meant by Mr. Miller's statement.

Chair Nugent asked Mr. McCabe if there were risks or concerns to the proposed farm milking area, the dairy processing area, with 2400' of forced main being used? and the material used, construction of the pit, depth at which it is placed are all done in a way to prevent any possible failure, and what is the life expectancy?

Mr. McCabe stated there were no risks, yes, they are all done to prevent possible failure, and it is hard to say what the life expectancy is, there are no moveable parts.

There was some discussion of when the final inspection is done by the County, and the issuance of the CO by the township at that point, for both residential and commercial use. The resolution stipulates that the data should go to both the County and Township.

Chair Nugent confirmed with Mr. Kosinski and Ms. Petzinger that the issuance of the CO on the property is the trigger that could initiate annual monitoring of the pumping cycle.

The board determined that annual reporting would be required initially until sufficient data was accumulated to set a definite reporting period.

Ms. Tubman noted on the 1.) 3rd page of the resolution, the 2nd from the bottom "BE IT RESOLVED"...is redundant, that is already approved so that should be removed. 2.) on the final page, the 2nd "BE IT FURTHER RESOLVED", brings the total of pump system waivers to TWO (2).

Ms. Butula noted that the wording of the resolution on page 1, 4. is going to be renamed "1500 gallon dosing pump tank previously approved and known just as pump tank"; and also noted the following changes besides what Ms. Tubman noted: pg. 3, last paragraph "start of the 'disposal field' construction' is changed to 'issuance of a CO for Block 75/Lot 19 and annually thereafter, and.."

Mr. Kosinski asked if there were a condition to be added regarding the well testing?

Chair Nugent stated yes, that would be another "BE IT FURTHER RESOLVED..."

There was some discussion of passing the resolution this evening, or asking that the revisions be made and submitted. It was determined that the revisions to the map/plans would be submitted, the resolution would be revised and submitted to Ms. Tubman for review and comments, and the resolution will be listed on the agenda

for memorialization at next months meeting.

There was some discussion of the following:

- TWA approval - Mr. Kosinski stated after discussion with Mr. Ferriero and Mr. Vaccarella, a TWA is not required as long as we have the documentation by email from Mark Miller that 150 gallons/day is an appropriate design flow.
- How frequently the board wants the reporting – is there any reason to be concerned about the strength /concentration of the effluent – Mr. Kosinski stated that since it meets all the state requirements he would have to say no since it meets all the state code requirements.
- The map submitted with the LOI is part of the LOI packet and is located in the Township Clerk's office.

Chair Nugent stated on the map on the north side of the existing farm lane is the digester tank, manure processing, etc., and a 120' diameter irrigation effluent tank. The arrows imply a *inaudible* flow of something, is that interpreted correctly? Can you help the board understand quantities ?

Mr. McCabe stated yes. 48' digester tank is the diameter of the tank.

Chair Nugent asked what the volume of the 120' diameter irrigation/effluent tank was ?

Ms. Tubman stated that they did not know the volume, that is where the dairy processing waste goes as well as manure, it is then used to dress fields.

Chair Nugent stated that in Mr. Miller's communications, there was concern about a maximum size of one of the tanks.

Ms. Tubman stated that is had nothing to do with the septic systems, he did have a concern addressed by the Dept. of Agriculture letter that there was going to be a diversion of the processed dairy waste into the manure processing tank, but it had nothing to do with any septic system.

Mr. Colburn stated that evidently mixing processing waste with the manure, you have to have manure handling set up according to the state which they are designing that for, that dictates the number of cows you have, it would be sized for that.

Ms. Butula asked if the state had determined if this was not an artesian condition?

Mr. McCabe stated that the state determined a fill enclosed disposal field that is designed on an alternate determination of artesian condition is what they approved.

There was some discussion of the on-site holding tank as referenced in the letter from Karen Kritz.

Ms. Tubman stated that according to the DEP/DAG the holding tank cannot be larger than 21,000 gallons, the waste has to be picked up out of that tank and taken to an approved disposal site.

Chair Nugent stated that this is related to the farm slaughter house etc., not the septic system.

Ms. Butula asked if the 10 employees included what they proposed for the future for the slaughter house?

Ms. Tubman stated yes, it is a total package.

Chair Nugent asked if Mr. McCabe has all the notes regarding the map revisions? He should go back to the original maps, whatever was labeled there, make sure you annotate it there, and indicate it was previously approved, now being called a 'dosing tank' and specify the gallons. The existing septic system at the house should be located as closely as possible, and the well should be labeled more clearly, and the distance to the force main.

Ms. Butula stated they should start the process of getting the well tested.

Chair Nugent stated that the existing well that is close to the farm stand should be labeled as an irrigation well, that will eliminate any question about it.

Ms. Tubman stated that in the future that well may be repurposed.

Mr. Kosinski stated that it is re-permitted through the state.

There was some discussion about keeping the communication open between all parties involved.

Ms. Butula thanked Ms. Tubman for providing all the documentation necessary for this review.

Ms. Tubman stated that they had kept the board engineer and also Mr. Vaccarella in the loop.

Chair Nugent asked Ms. Petzinger to aprise Mr. Vaccarella of this current application status.

Chair Nugent asked if there were any further questions, comments or thoughts from the board or professionals ?
There was no comment.

Ms. Tubman asked for 2 weeks' time to locate the septic system, and get the map revisions/changes into the board?
Chair Nugent stated yes, and thanked both Ms. Tubman and Mr. McCabe.
Ms. Tubman and Mr. McCabe thanked the board.

F. ADJOURNMENT

A **MOTION** was made by Mr. Colburn to adjourn at 9:50 pm, seconded by Ms. Butula with a vote of Ayes all, Nays none recorded.

Respectfully submitted:

Lorraine Petzinger