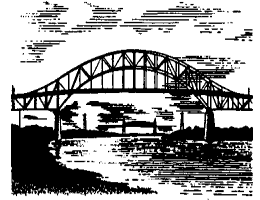


**TOWN OF BOURNE
BOARD OF HEALTH**
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Cynthia A. Coffin,
Health Agent

MINUTES of February 8, 2012

Members in attendance: Stanley Andrews, Vice-Chairman; Galon Barlow; Carol Tinkham

Support Staff in attendance: Cynthia Coffin, Health Agent

Meeting was called to order at 7:00 PM.

- 1. ISWM Request for Board vote on acceptance of Fly Ash from Covanta.** Mr. Andrews stated that at the last Board of Health meeting there had been a presentation from Covanta on their fly ash process and material samples were brought to the Board. Ms. Tinkham stated that she had not been at the meeting but that she had read the material that had been submitted. She did not think that there were any problems. Mr. Barlow stated that his only concern was the wheel washing aspect and making sure that the product does not get off site. Mr. Barlow asked how much fly ash was being discussed and Mr. Andrews stated that an exact amount was not discussed but that the amount would be within the daily tonnage that the landfill was allowed to take at the site. The PBA (processed bottom ash) is being used now for cover but any excess material that is landfilled is counted toward the daily tonnage of waste allowed. Mr. Andrews also stated for the record that there was no odor from the ash and the information in the presentation did not indicate that there was anything that would create an odor in the future. Mr. Andrews was also concerned about the fly ash making it off site thru truck traffic but he felt that Mr. Barrett's Operational Plan did address this issue. Mr. Barrett's operational plan stated that if it were necessary a wheel washing facility could be constructed. Mr. Barlow made a motion to approve ISWM's request to accommodate the acceptance of fly ash under the landfills daily tonnage and also stated that ISWM is encouraged to keep the migration of the ash off site in check. Ms. Tinkham seconded the motion. It was a unanimous vote to approve.
- 2. 6 Quiet Cove Lane – Warwick & Associates for Mark and Mary O'Donnell: Request for variances for installation of new pressure dosed Title 5 septic system for proposed renovations.**

Ms. Barbara Frappier was present from Warwick Engineering. She handed in the green certified mail cards. Ms. Frappier stated that she was submitting a revised site plan that shows a reduction in the size of the addition being proposed. Those plans were stamped in as received. The new proposal is smaller than what was originally proposed. In addition, she submitted a revised architectural plan which was also dated as received. Mr. Barlow asked if the property was accessed from Phinney's Point or from further up Shore Rd. Ms. Frappier stated that the access was off of Evergreen Hill which is the Phinney's Point area. Ms. Frappier stated that the cul-de-sac is shown on the plan but it is not in existence now. This land was a subdivision a long time ago and in order to subdivide the properties, the Planning Board made them put in the cul-de-sac. They are keeping it on the plan because they have to go back to the Planning Board and the cul-de-sac is going away and the lots are being combined. This project has already been approved by the Conservation Commission. Mr. Frappier stated that the property was built back in the 40's and is a small two-room camp. She submitted pictures of the property and described the area. Mr. Andrews stated that the camp is 32' x 10' and a portion is 16' x 16'. There was further discussion about how to access the property. There is a dirt drive way that will need to be widened. Currently the two bedroom camp, which has been used by the O'Donnell family for a long time, has no indoor plumbing. The owners would like to add a bathroom and kitchen area. The living space and the bedroom will remain as it is in the original camp. The proposal is to install a Title 5 system that is pressure-dosed. Ms. Frappier stated that the leaching field is only 135 feet from the flagged edge of wetlands. This is with maintaining a 10 foot setback to the property line. Ms. Frappier stated that there is no increase in the number of bedrooms. The only addition is the kitchen and bath area. She feels that the policy of the Board is being followed in that there is a 52% increase in bedroom space and that is why she is proposing pressure dosing. Mr. Barlow asked if there was town water on the property. Ms. Frappier stated that the lot was served by a well and there was a proposal to install a new well to meet the 100 foot setback. Mr. Barlow asked Ms. Coffin if she had any issues with the proposal. Ms. Coffin stated that it was her feeling that the existing camp is only listed with the Assessors as a two room camp with no plumbing and the proposal will result in a house with bedrooms, plumbing, and well water. She feels that this is basically a new construction and feels that the septic should be an alternative septic with pressure distribution. The proposal is for pressure 'dosing' only. Ms. Frappier stated that even though the Assessor's list the structure as having two rooms, they don't call out one of the rooms as a bedroom but if you looked inside the structure you would say that there is one bedroom. She stated that the project will not increase bedrooms. She also stated that there is also an existing well but she is not sure of the location. Mr. Barlow stated that he is concerned because the lot is so close to Back River and he would be more comfortable with a system that provides nitrogen removal. Ms. Frappier asked if the Board would consider not requiring nitrogen removal if the leaching were pushed further back to the property line to get it 145 feet from the edge of wetlands. The nitrogen numbers on the property are only 3.3 which is well below the 5 ppm that is the standard requirement. It is only one bedroom and the

problem is that one of the reasons that the addition has been scaled down already is for cost considerations. She feels that the addition of a Microfast might make the project undoable. Also, she feels that the proposal meets the policy standards the Board generally follows. Ms. Frappier stated that she will still provide the pressure distribution even if the system is moved back to the property line. Ms. Coffin stated that the system appears to be a three bedroom system although she does not have the second sheet of the plan. She suggested that if the system was reduced to a two bedroom system the system could be made narrower and also moved back to the property line, and this might allow the 150 foot setback to be met. Mr. Barlow stated that the Board would have to place a deed restriction on the property. Mr. Frappier agreed that this was something she could look in to. Ms. Tinkham asked if the field was reduced would that affect the amount of area for treatment. Ms. Coffin answered that it would not affect the operation of the system; it just reduces the area of the leaching because less effluent is going into the system. Ms. Frappier states that she should be able to pick up about 15 feet by reducing the size of the field and moving it toward the property line. She would then be able to meet the 150 foot setback. Ms. Coffin stated that she thinks it was Jack Landers-Cauley, who did the perc test, who had been concerned about moving the system too close to the property because of the adjacent rail bed. The adjacent property is a railroad right of way. Ms. Coffin stated that she thinks the concern was about the vibration of the tracks near the septic system and that this might loosen the soils and perhaps cause a problem with the rail bed. The members and Ms. Frappier discussed the issue and it was felt that this should not be an issue since the rail bed was actually lower than the property itself. Ms. Frappier stated that she would still have to come back before the Board to request the variance to the property line. She asked the Board if the item could be continued to amend the plan. Mr. Barlow made a motion to continue 6 Quiet Cove Road to the Board's next meeting on February 22nd. Ms. Tinkham seconded the motion. It was a unanimous vote.

3. Discuss and Vote regarding re-approval of Tier 3 Beach designation for Barlows Landing Beach, Electric Avenue Beach and Monument Beach (original vote April 30, 2008).

Ms. Coffin stated that the State came in to the office and the Town of Bourne has four beaches that are up for a new approval for Tier 3 status. Sanitary surveys will be done on those beaches. At the same time, the variances that were approved for Barlows Landing Beach, Electric Avenue Beach and Monument Beach in 2008 are up for renewal. In 2008 we had also approved Gilder Road for Tier 3 status but within the last 2 years that beach had one bathing beach sample fail so the Tier 3 status ended. Gilder Road is, however, one of the beaches that will be up for a new approval. The issue is that if any beach has not had any failures for, she believes, three consecutive years then the State DPH puts that beach on a list for Tier 3 status and as such that funds will not be allocated for the testing of that beach on a weekly basis. The Town would have to put up its own funds for that testing. With the Tier 3 status, the State will continue to pay for the testing of that beach for at least once per month. The three beaches up for review have not had

any failures for at least 6 years. Ms. Tinkham asked what the failure number for the beaches would be and Ms. Coffin stated that she believed the maximum was 104 colonies per 100 ml sample for salt water beaches. Mr. Andrews stated that all the testing for the three beaches had results well below that value. Electric Avenue's highest was in 2011 at 26; Barlows Landing has been consistent with its results are around 16; and Monument Beach has been consistently low as well. Mr. Andrews stated that nothing has changed at the beaches. We have always had the 'no dogs on beach' by law and Mr. Barlow added that we have also had portable toilets at some of the beaches over the last few years. Mr. Barlow stated that he has no problem with keeping the beaches at the Tier 3 level. Ms. Tinkham stated that she would prefer to have the beaches tested once a week but that if the funding is not there she is okay with the Tier 3 designation continuing. Ms. Coffin stated that the testing has basically indicated that there are no direct or point sources of contamination and more specifically sewage. In her opinion, even when some of the beaches have had failures it is most likely due to stormwater runoff and not a continuing source of septic pollution. She went on to state that even Patuisset Beach which had many failures in some of the past years is now up for new Tier 3 status and she feels that a lot of this is due to the new stormwater systems that were installed over the last few years. She does not believe that there is any disservice to the Town residents by continuing the Tier 3 status for the beaches being discussed. Ms. Tinkham made a motion to reapprove the Tier 3 beach designation for Barlows Landing Beach, Electric Avenue Beach, and Monument Beach as originally voted on April 30, 2008. Mr. Barlow seconded the motion. It was a unanimous vote to approve.

4. Approval of Minutes of dated January 11, 2012 and January 25, 2012.

Ms. Tinkham made a motion to approve the minutes of January 11, 2012. Mr. Andrews seconded the motion. The vote was two to approve, with one abstention by Mr. Barlow since Mr. Barlow was not present at that meeting. Then Mr. Barlow made a motion to approve the minutes of January 25, 2012. Mr. Andrews seconded the motion. The vote was two to approve, with one abstention by Ms. Tinkham since Ms. Tinkham was not at that meeting.

Mr. Barlow made a motion to adjourn. Ms. Tinkham seconded. It was a unanimous vote to approve, and the meeting adjourned at 7:30 PM.

Respectfully submitted

Cynthia Coffin
Health Agent

Kathleen Peterson_____

Stanley Andrews_____

Galon Barlow_____

Don Uitti_____

Carol Tinkham_____

cc Board of Selectmen/Town Clerk