

Cynthia A. Coffin  
Health Agent

# TOWN OF BOURNE BOARD OF HEALTH

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OWN CLERK'S OFFICE  
BOURNE, MASS

## MINUTES January 14, 2015

**Members in attendance: Kathy Peterson, Chairman; Stanley Andrews, Vice-Chairman; Galon Barlow; and Kelly Mastria**

**Support Staff in attendance: Cynthia Coffin, Health Agent; Lisa Collett, Secretary**

- 1. 5 Mill Wheel Lane – Jason Churchill of Orenco Systems, Inc. –Request for reduction in maintenance inspections of I/A system –Continued from December 10, 2014** –Mr. Blake Johnston was present from Orenco on behalf of the homeowner. Mr. Johnston stated that the existing alternative system is an Advantex system. DEP has required that there be 12 samplings for Total Nitrogen on the Advantex systems. Sampling is done twice per year and there are usually four maintenance inspections done annually. He stated that all of the components are checked during the inspection. The Advantex system works with pumps and floats. He stated that the VeriCom panel is hooked up to the homeowner's phone line. If there is a problem with any part of the system, the provider will receive a call. Basically there is daily monitoring of the system. Also once per month the system calls to the provider just to make sure that the line is still functioning. Mr. Johnston stated that Orenco, through Jason Churchill, the one who had originally made the request for the homeowner, felt that the quarterly inspections were unnecessary due to the daily remote monitoring by the VeriCom system and the monthly phone checks. Mr. Andrews asked what inspections of the system are conducted in the field. Mr. Johnston stated that it might be best to discuss the parts of the I/A system first. The Advantex is a packed bed filter. This type of system does not blow air in. Instead, sheets of medium are hung into a tank and are wetted with effluent about every 20 minutes. The sheets actually hang suspended into a two compartment tank. There is a recirculating pump that delivers the effluent to the sheets. This pump generally has a life of about 20 years. There is also a small basin for a discharge pump that takes the treated effluent to the disposal field. In addition there is a filter that needs to be cleaned. At the inspection the above components are inspected and

the media is checked for excessive growth and washed if necessary. This is generally required every 2-3 years. If necessary the effluent filter is also removed and cleaned. This usually occurs maybe once per year. Also the floats are tested, the high water alarm, and the discharge floats. If necessary the laterals are also bottle brushed to clean them out. This is usually only necessary every 1-2 years. Mr. Johnston stated that because of the VeriCom monitoring if any of the pumps were down, or if the media were clogged, etc. the system would recognize that there was a problem and the wastewater operator would be notified. Mr. Andrews asked what would be the situation if a homeowner took down his landline and converted to just a mobile phone. Again Mr. Johnston told the Board that the system will make a monthly call on the same day and time every month to make sure that there is a connection. The system will also download flows at the same time. The service provider is automatically notified if the panel doesn't make the call. He reiterated that the quarterly inspections are really not necessary since the VeriCom system allows the I/A to be constantly monitored. Ms. Coffin said that she is not generally in favor of reducing maintenance inspections, but in this case the technology is already doing the inspections, in a way, on a daily basis. If the system is off, a component breaks down, or the media is clogged then the provider will be notified. She feels that in this instance the reduction in monitoring is warranted. The Board members decided that they would like more information and requested a copy of all the calls made into the provider on the VeriCom system so that they could see documentation of the statements made about the program. They also wanted to verify that there was a current contract with a WWO for the system and Ms. Coffin stated that she has already verified that the contract was current and that she believed that the WWO was Effluent Technologies. She said she would double check this fact. Ms. Peterson stated that as long as Mr. Johnston sees that the report on the calls is sent to the Board of Health and the current contract is verified, then there would be no need to come back before the Board of Health. At the next meeting the Board will have reviewed the documentation and will vote on the request if everything is found to be satisfactory. The Board members stated that if they allowed the reduction that they would probably require that the WWO forward copies of quarterly calls to the office. One thing that Mr. Johnston wanted to make the Board aware of was that the Advantex system was not a bypass system, in other words, there was not a way to bypass the functioning of the I/A and just work as a gravity Title 5. The system would back up into the house if the I/A component was not functioning. **The Board decided to take no action at this time but that if the proper documentation was presented to the office, this item could be placed back on the agenda for either the meeting on January 24 or the first meeting in February.**

2. **70 Old Dam Road – Continued from December 10, 2014 – Requested by Cynthia Coffin, Agent, for discussion and possible vote regarding violation of**

**Board of Health condition of previous waiver** – Ms. Coffin passed out pictures to the Board that Mr. Denapoli had emailed to her. These pictures show the work that Mr. Denapoli has done to close up the doorway in the finished room over the workshop. Ms. Coffin had asked Mr. Denapoli to also submit a picture to give an overall view of the room in relation to the work done so that they could see that the new wall was the area where the door and doorway had been. Mr. Denapoli showed the Board members a large photo showing the room overview. The Board agreed that the wall have been put up on the second floor as requested. Mr. Denapoli also stated that he had removed the door at the top of the stairs. He also told the Board that he wanted to keep the door at the bottom of the stairs so that the sawdust would not go to the upstairs room that there were using as a living room. The Board members discussed that what was required had been discussed at the last meeting. One of the requirements had been that the wall be put up as originally approved but the Board had also talked about the other doorways as well so that the room over the workshop could not be considered as possible bedroom space. Mr. Andrews asked Ms. Coffin what her comments were. Ms. Coffin stated that she had already emailed Mr. Denapoli when he sent the recent pictures and told him that she thought that the upstairs doorway where he had removed the door should be a flush cased opening and that the door at the bottom of the stairs needed to be a cased opening too. She had said that if Mr. Denapoli was concerned about the sawdust then he could put up one of those plastic sheeted doorways to prevent the sawdust from going upstairs. She reiterated that in the original variance approval the space over the workshop was supposed to have been storage only and not a finished room. Some of the Board members discussed that they did not think that the plastic covering would look very good but the consensus was that Mr. Denapoli would have to come up with a way to address the other issues to the Board's satisfaction. The Board members decided that Mr. Denapoli should make the changes to the door at the top of the stairs by making it a cased opening and that he would address the lower door in the workshop and then call Ms. Coffin for a reinspection. If Ms. Coffin felt that the changes were sufficient Mr. Denapoli would not have to come back to the Board of Health.

**The Board decided that they would take no action at tonight's meeting.**

3. **39 Buttermilk Way – continued from December 10, 2014 – Requested by Cynthia Coffin, Agent, for discussion and possible vote regarding violation of Board of Health variance condition.**-- Ms. Coffin stated that she had previously put this item on an agenda because she had found out from a prospective buyer that a room over the garage that was supposed to have been storage space had been sheet rocked and carpeted. She had also found when she did an inspection of the property that there was a room in the house that could be considered a third bedroom and that the septic was only a two bedroom septic system. She had discussed the issues with the homeowner and Mr. Fountain, the builder, before the last meeting, but Mr. Fountain had been ill and not been able to attend that

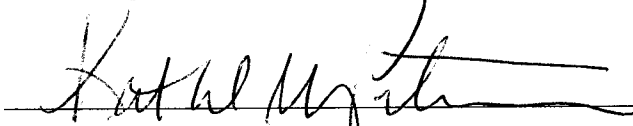
meeting. After the Board of Health meeting Mr. Fountain had opened up the room inside the house and had removed the sheet rock and carpet from the room over the garage. She had considered that all issues had been resolved and had not brought the item back before the Board of Health. However, at the last meeting Mr. Andrews had commented that this item should have been brought back to the Board of Health as the Board had continued it. Therefore, Mr. Fountain, the builder, was present tonight to discuss the corrections made. Ms. Coffin showed the Board members the photos of the corrections and said that she was fine with what had been done. Lisa Wheeler was also present in the audience as the owner's realtor but she had nothing else to state. **Mr. Barlow made a motion to find that the necessary renovations had been made so that there was no longer a violation of the approved variance conditions. Mr. Andrews seconded the motion. It was unanimous vote.**

4. **Approve the minutes of December 10, 2014 – Mr. Andrews made a motion to approve the minutes of December 10, 2014. Mr. Barlow seconded the motion. It was a unanimous vote.**

**Mr. Andrews made a motion to adjourn. Mr. Barlow seconded the motion. It was a unanimous vote and the meeting adjourned at 7:56 PM.**

Taped by Lisa Collett and typed by Cynthia A. Coffin, Health Agent

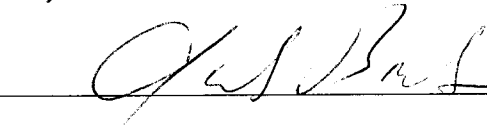
Kathleen Peterson



Stanley Andrews



Galon Barlow



Don Uitti

Kelly Mastria

cc Board of Selectmen/Town Clerk