



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

**MINUTES
AUGUST 8, 2012**

Members in attendance: Kathy Peterson, Chairman; Stanley Andrews; Don Uitti; Galon Barlow and Carol Tinkham

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

Meeting was called to order at 7:00 P.M.

- 1. ISWM – CONTINUED FROM JULY 25, 2012 – Dan Barrett and Michael T Lannan, P.E. – Discuss and possible vote on acceptance of report on non-price proposals** – Mr. Barrett stated that he saw no need for an update so he does not have anything new to pass out to the board. Mr. Barrett stated he would turn the discussion over to Mr. Lannan at this time. Mr. Barrett stated there are some changes in the final report. Mr. Lannan stated that in the Harvest Power section, from the August 2, 2012 report on the non price proposals, he added number 6 which is to develop a truck containment and odor suppression plan so each type of digester feedstock that will be sent to the site. The plan should include a description of how odors will be contained in the trucks on site and all the local road ways. Mr. Lannan continued with how trucks will enter and exit, and how trucks will be cleaned prior to re-entry into the local road ways. Mr. Lannan stated that any liquid by-products should also be included in the plan. Mr. Lannan stated this should address the concerns from the last meeting. Mr. Barrett stated that this is something he has always looked for even when there is a transfer of ash. Mr. Barrett stated that this is one thing that definitely needs to be addressed. Mr. Andrews stated that he is glad it has been highlighted and brought forward so the respondents can address that. Mr. Barlow stated that Harvest Power is asking a lot. Mr. Barlow stated he has visited an aerobic digester that deals with household waste and waste from a sewer plant, and it really smells bad. Mr. Barlow stated that in the whole process, right through the aeration and right thru the storage of the materials, everything has to sorted and tested before it leaves; and hundreds of tons of it gets stored. Mr. Barlow stated that he visited a facility in Cooperstown that was in an enclosed building with a good filtration system, so that the odors don't get to Cooperstown but that whole valley reeks badly. Mr. Barlow stated that he sees this problem as a fatal flaw. Mr. Barlow stated that his visit was in January and would like the whole board to visit this site in July. Mr. Barlow stated that

the other things that he saw in the aeration area, which is all set up on tracks, is that there is an area that moved from each trough where the waste is aerated after its been digested. He stated that the plant was not that old but that there was a large amount of deterioration that had taken place because it was constantly wet and moist. These are things the board will need to look at if this moves forward. Mr. Barlow said that even the galvanized material didn't stand up. Everything would have had to have been made of stainless steel to have stood up. Mr. Andrews stated that is a common thing that you see in wastewater treatment plants as well and even galvanized steel rots away. Mr. Barrett stated that the process that Mr. Barlow is referring to is called Co-Composting. Mr. Barrett stated that there is more outdoor processing. Mr. Barlow stated that there was nothing outside; it was all inside the building. Mr. Lannan stated that is an IPS system. Mr. Lannan stated that the digestion is taking place in an aerobic environment. Mr. Lannan stated that any of those building that were not made out of fiberglass and 316 or 304 stainless steel would definitely deteriorate. Mr. Lannan said that that process is anaerobic digestion, done inside a closed container so that the gas does not get out. This is the digestion part. When the process gets to the composting part, the waste will already be somewhat stabilized. There will be much less odor and much less odor protection needed. Mr. Lannan stated that he has asked the proponents for an air flow diagram. To him it is all about capturing the sources and capturing the sources at the most concentrated level that you can. Then the room air is treated separately with a system that can handle high flow with a low concentration. There are actually two systems—high concentration/ low flow and then you have the backup system of the building. Mr. Lannan then discussed the issues of trucking. The key is to develop the correct truck lock system. In a Connecticut operation, the trucks would come into an area that is ventilated and then the door would be closed and then they would open another door and the truck would go inside. This way the odors were not released to the outside. Mr. Barlow said that he is concerned because the facility is near a golf course and housing. He does not feel that this specific project fits the location. The landfill has already had huge issues with odor problems in the past and does not need this issue again. Mr. Lannan stated that he is reviewing these processes on the Board's behalf. He is trying to work with the proponents and ask the right questions so that the Board's concerns are addressed. Ms. Peterson stated that this would be the next step in the process. Mr. Barrett stated that he understands the Board's concern and that is why Mr. Lannan is here to help us through the RFP process. The ultimate responsibility for the landfill is ISWM's and he doesn't want any problems either. Ms. Peterson said that even if the Board votes tonight we are not allowing anyone to come in to the landfill with that vote. There will be numerous other hearings to review the proposals. The Board's vote just allows ISWM to go forward and request a more thorough presentation. Mr. Barlow reiterated that he just wants it on the record that he does not think that this is the right area for this kind of project. Mr. Andrews mentioned that Mr. Lannan has already added the requests for additional information that should be brought back in the future proposals. He feels that Mr. Lannan has addressed the Board's issues of concern. Mr. Lannan stated that these issues will need to be addressed by the companies. Mr. Lannan said that the applicants would propose something and that he would make sure that they meet the criteria on addressing nuisance concerns. Ms. Peterson said that one of the plants similar to what is being discussed should be online by the time we need to review that process and we should be able to go to and look at a

similar process. Mr. Goddard said that one facility should be online by September. Mr. Lannan stated that the Board will need to visit sites with a similar process and will also need to look at plants or sites with similar odor controls. Mr. Lannan stated that last year he permitted a facility in Rutland, MA that dealt with a mixture of food waste and cow manure that was digested and electricity is created from that process. Massachusetts is in the process of banning food waste from disposal. The type of facility in Rutland will help to address this food waste ban. The proposals coming before the Board do not even include what the feed stock will be because they don't want anyone else to know there process. Anything that is before the Town so far is only preliminary. Mr. Lannan summarized that his job has been to review the proposals and to come up with the issues that he and the Board feels that need to be addressed. Mr. Lannan said that if the proponents address the issues that he has raised then there will not be issues of odor. Ms. Peterson reiterated that the Board of Health is only voting to accept the review that Mr. Lannan has submitted. Mr. Barrett stated that the responsibility for the facility remains with ISWM. The Board of Health controls the site through ISWM. Ms. Peterson stated that the Board of Health has control over the site assignment. Mr. Andrews said that the report should say that the oversight is by ISWM and the Board of Health. Mr. Andrews said that maybe we should amend the report right now. Mr. Lannan said that the last two lines from the section of the report on page 2, second paragraph of #1, will be deleted. A copy of the report was signed by Mr. Lannan and it will be kept in the office. Mr. Andrews stated that as the Board reviews more detailed proposals other items may need to be addressed. Many items of concern will be addressed when there are actual design drawings. **Mr. Barlow made a motion to accept the report given to the Board on August 2, 2012 by Tech Environmental, amended at tonight's meeting. Mr. Andrews seconded the motion. It was unanimous to accept the report.**

2. **Tobacco Regulations- continued from July 25, 2012 – Discuss and possible vote on revised tobacco regulations.** Ms. Coffin stated that she went back and made some changes to the regulation based on past discussions of the Board regarding fines. She added#3 on page 6 to address smoking in any establishment that has a permit from BOH. This section would address the issue of the Board being able to revoke a food permit if there are violations of the tobacco regulation. Ms. Coffin read the Board the changes. **Mr. Barlow made a motion to approve the tobacco reg as amended. Mr. Andrews seconded the motion. It was a unanimous vote to approve.**

Mr. Barlow made a motion to adjourn. Mr. Andrews seconded the motion. It was unanimous and the meeting adjourned at 7:40 PM.

Respectfully typed and typed by,

Lisa M. Collett
Secretary

Reviewed and approved by

Cynthia A. Coffin
Health Agent

Kathleen Peterson _____

Stanley Andrews _____

Galon Barlow _____

Don Uitti _____

Carol Tinkham _____

cc Board of Selectmen/Town Clerk