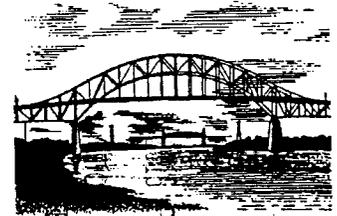


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TOWN OF BOURNE BOARD OF HEALTH

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APR 9 9 57 AM '15
TOWN OF BOURNE, MASS

MINUTES March 25, 2015

Members in attendance: Kathy Peterson, Chairman; Stanley Andrews, Vice Chairman; Don Uitti, Secretary; Galon Barlow

Support Staff in attendance: Lisa Collett, Secretary

1. **ISWM – Dan Barrett – Update on**
 - a. **Permit modification to allow transfer of trash out of ISWM C&D Building** – Mr. Barrett stated ISWM was issued that permit. It became effective on March 7, 2015 and last until April 14, 2015 but it did state 30 days. Mr. Barrett stated that he chose not to act on it. Nothing has been transferred. Mr. Barrett stated how thankful he was on how quick the board acted on this permit.
 - b. **2015 Construction Schedule** – Mr. Barrett stated that the major project that will be contracted out is the cap. The first stage of phase IV that what is being filled now which will be capped real soon. Mr. Barrett hopes to have the bids out on the street within the next 4 weeks. He hopes to have the bids back and start construction as early as the end of June and into July. This should be completed by September or October. It has already gone out to bid. J Bates and Son has already been awarded the bid. J Bates and Son specialize in landfill work. Part of the phase I and phase II had been mostly trash now it is primarily ash. Mr. Barrett stated that they are putting in a horizontal collector for gas in the bottom. It helps to contain the gas. Mr. Barlow stated that he likes the sound of this because during 4th of July, the residents at Brookside like to spend a lot of time outside and the same at Labor Day. Mr. Andrews asked if they are tying into an existing cap. Mr. Barrett stated that they will lapping over. There is no real cut ins, it is all lapping over. Mr. Andrews stated when they do the wells, and this particular project is being done over the summer, for odors. Mr. Barrett stated that he would review it again but usually the only time they cut in is when they are joining to liners together. Mr. Andrews stated that with the caps and the wells to really be cautious of releases. Mr. Barrett stated that the last 4 to 5 feet of fill on top of stage I is ash and dirt. That is the best way to go. Mr. Barrett feels they are doing

much better at containing the gas. Mr. Barrett stated that the next thing the board will see is that area when you drive in the gate, the old landfill, the DEP likes to see everything filled up with one plain with grading and shaping so he is working with the DEP to see if they want him to fill that. Mr. Barrett stated that when he built phase IV he purposely put a pipe up the side to connect to the leachate system just in case the DEP wanted him to fill in that hole. Mr. Barlow stated that there is no chance on mining that out. Mr. Barrett stated no because of a couple of reasons. Mr. Barrett stated that they wanted to secure with berms in that area which would include a significant amount of digging down in the already low spot. Mr. Barrett stated that he has issues with the stability and he did not like it. DEP is having issues with MSE's. There is one in North Hadley, MA and they are still working on a final policy on those. The DEP is not in favor of these. Mr. Barrett stated that for the amount of space that would be gained did not seem like a good risk for him. Also with the DEP being a bit uneasy, he feels they should just fill the hole, grade everything out and make it look nice. The projected time frame on this project will be about 8 months. Mr. Barrett stated that he will let the board know when MEPA comes out. That will go out to all the abutters and will be quite a big deal. Even though ISWM will be doing the same thing they have done in the first 4 phases, they want ISWM to reapply. Mr. Barrett stated that they will again go before MEPA regarding Harvest Power but for now would like to keep Harvest Power and the Landfill separate. **Mr. Andrews thanked Mr. Barrett for his update. There was no action taken by the board at this time.** Mr. Barrett also wanted to update the board on the gasoline spill. ISWM will not be taking any of that soil. It is being stored in containers at the accident site. Ms. Peterson stated that she just came through there and it is just stinking. Ms. Peterson asked how bad the accident was. Mr. Rausch from the Cape Cod Times stated that 11,500 gallons of gasoline spilled into the infield. They were able to syphon 6000 gallons out of the tank but 5,500 gallons escaped into the ground. Ms. Peterson stated that she is very impressed with the response to the cleanup attempts. Especially the Bourne Police, Fire and State Police. **No action was taken at this time.**

2. **594 Circuit Ave – CONTINUED from March 11, 2015 - Zac Basinski of Bracken Engineering for Anne Camille Maher – Request variance to the 150 foot setback to the high water mark and a variance from the 150 setback to a wetland resource – Ms. Collett informed the board of a letter that was submitted by Mr. Basinski asking to continue this to the next meeting dated April 8, 2015. Mr. Andrews made a motion to continue until April 8, 2015. Mr. Uitti seconded the motion. All in favor.**
3. **Harvest Power – Dave Pierotti – Discussion and possible vote – Request consideration on a proposed Amendment to Exhibit Me of the Site Lease between the Town of Bourne and harvest Power, Inc. – Mr. Pierotti stated that**

the existing lease between Harvest Power and the Town of Bourne has a clause in it there by Harvest Power and ISWM should have an agreement on the acceptable volumes of concentration of centrate from the project, they have not finalized the agreement and so they are requesting an additional 6 month to work it out with ISWM. Ms. Peterson asked what the delay is on reaching an agreement. Mr. Pierotti stated that the delay should be over and have delivered the first round of numbers to Dan Barrett to begin hammering out the negotiation. The hold up until this point was the uncertainty of the nature of the feed stock with project that has already been worked out during these past 6 months. In other words what comes out depends on what goes in so now that they have a better understanding of what goes in they have a better understanding out what's coming out. Ms. Peterson asked what is going and in and what is coming out. The board of health is going to have a lot of say on this and the board is on the second end of knowing what's going to happen until now. The board will be the first to know from this point forward but would like to know what Harvest Power is thinking up to this stage of the game. Mr. Pierotti stated that Harvest Power will build, own and operate a big digester which will be able to accept almost any organic material. Typically you would see a mixture of food waste from supermarkets or restaurants or even direct from a food processor and hopefully someday from homes. It can be fats, oils and greases which is known at Harvest Power as FOG that gets pumped out of restaurant fryalator or things like that. It can also be sludge from wastewater treatment plants. Harvest Power is planning on doing a mixture of all that. Through discussions with the haulers who have a lot of control over where the stuff goes and how it's collected and some generators although they have not spoken with a lot of generators yet in this process, they have a general sense of the demand. There is significant demand for an alternative site to deal with wastewater treatment sludge and because of the ban in Massachusetts there will be quite a bit of a need to dispose of food waste. Mr. Pierotti stated that they are not sure yet if they would attract food waste from Boston because it is a little far away but there are not many other places that can take it. Mr. Pierotti asked if this answers Ms. Peterson's question. Ms. Peterson answered yes. Ms. Peterson asked if this is comparable to what is being done in Vancouver. Mr. Pierotti stated that the design and recipe is very comparable to what is done in Orlando. The plant is almost the same as the plant in Orlando. Vancouver is a little bit different. Ms. Peterson stated that the board has been told that this plant will be very similar to the plant in Vancouver. The Vancouver plant is what they call high solids which is woody, yard waste materials etc. What is being planned for Bourne is called low solids which is similar to what is Orlando but for the tipping floor/receiving area will be fully enclosed kind of like a garage. Mr. Barlow asked that on the output side of it, he understands Harvest Power wants to put in a wastewater plant and it will be nitrogen removal, state of the art system that will tie into the leachate system. The base also leases from the town for their wastewater so how will Harvest Power work together with the base. Mr. Barrett stated that it should work out good. There are four or five commands so it will run up the ladder. They have been working on it steadily for probably 2 years now and where it stands right now is what devise will be used for agreement

between ISWM and the base. Ms. Peterson asked if that will involve Harvest Power. Mr. Barrett stated no it will not. Ms. Peterson stated that this meeting has to remain with Harvest Power and nothing else. Mr. Barlow stated that this involves Harvest Power's leachate. Ms. Peterson stated to Mr. Barrett to tie Harvest Power into the discussion regarding the landfill and the base. Mr. Barrett stated that Harvest Power's wastewater will come to the landfill, the landfill will build a facility and then pump it over to the base. Mr. Barrett stated that Mr. Barlow's concern is where the water is going. Mr. Barlow stated his concern is if the town's leachate will be able to process along with Harvest Power's leachate. Are they compatible? Mr. Barrett stated that yes, they are compatible and one of things that has not been nailed down yet is Harvest Power's component ties. The first time they did the RFP going way back one of the RFP's had to do with leachate equipment. What came out of that was reverse osmosis which was the best fit at that time. Technology has since changed and ISWM will go for another RFP and see what they get. Reverse osmosis is said to be able to treat both. Likely what will happen is as soon as he can get an approval from the base to move forward he will go ahead and treat the leachate separately just to get it moving while Harvest Power is building. Harvest Power's output will be similar to what ISWM has now and they are a component tied system so more than likely you will see a separate system. Mr. Barlow stated that his reason for asking is he does not really know how much leachate ISWM intends to generate. Mr. Pierotti stated that he is not sure how it will be compared. Mr. Andrews asked if they know how many gallons per year. Mr. Barlow stated that the plant in Orlando is connected to a sewer plant so he imagines there is a pipeline to send it somewhere. Mr. Pierotti stated that was true and they are connected to a treatment plant. Mr. Barlow stated that he has no problem with the request for this extension he just wants to know as this goes on the board really wants to know what is going on with this. He is also concerned with what the base will allow the town to do. Mr. Barlow stated that he does not want Harvest Power all ready to go with no ability to get rid of the leachate except to truck it out. Mr. Pierotti stated that there is a pretty long development time so he feels there is time to coordinate these concerns. Ms. Peterson stated that she and the board appreciate Mr. Pierotti's appearance to the meeting but would like to make sure there is a distinction between Harvest Power and ISWM. The board does not want the public thinking ISWM and Harvest Power are exactly the same. Ms. Peterson stated that she does not want Mr. Barrett coming in for Harvest Power to answer questions. Mr. Pierotti stated he understood and would be available anytime the board would like to meet with him with updates. Mr. Barlow stated that the Town Administrator should also be kept aware of any updates because he signs all the contracts. Mr. Barrett stated that right now in the process they have a monthly update meeting to make sure everyone is on the same page. **Mr. Andrews made a motion that the board extend 6 months from today Exhibit I of the Site Lease between The Town of Bourne and Harvest Power. Mr. Utti seconded the motion. All in favor.**

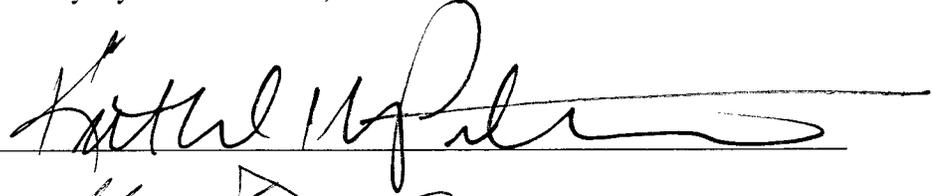
4. Approve the minutes from March 11, 2015. – Mr. Andrews made a motion to approve the minutes of March 11, 2015. Mr. Uitti seconded the motion. It was a unanimous vote.

Mr. Andrews made a motion to adjourn the meeting. Mr. Uitti seconded the motion. It was a unanimous vote and the meeting adjourned at 7:28 PM.

Taped and typed by Lisa Collett, Secretary

Reviewed and approved by Cynthia A. Coffin, Health Agent

Kathleen Peterson



Stanley Andrews



Galon Barlow



Don Uitti



Kelly Mastria – NOT PRESENT AT THIS MEETING

cc Board of Selectmen/Town Clerk