



Cynthia A. Coffin
Health Agent

TOWN OF BOURNE BOARD OF HEALTH

**24 Perry Avenue
Buzzards Bay, MA 02532
Phone (508) 759-0615 x 1
Fax (508) 759-0679**



MINUTES December 12, 2012

Members in attendance: Kathleen Peterson, Chairman; Stanley Andrews, Vice-Chairman; Don Uitti, Secretary; 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. Dan Barrett- ISWM- landfill update—Mr. Barrett discussed the Phase IV liner and front entrance construction project. ET & L completed their final punch list items. Paving was completed November 30th. ISWM has been placing select waste layer in Phase IV since September 18th when they received the Authorization to Operate. The first load of MSW went into the cell last Friday. ISWM still needs to stripe the pavement and the landscaping will be finished up in the spring. The striping is weather dependent. The County is going to help with the landscaping.

The most important thing is the Phase 2A/3A final cap project. RC&D has completed mobilization and are completely on site. Recovery Drilling has completed drilling all six new extraction wells. To date the pre-drilling/construction forms have been completed and signed off. Everyone has been reminded of the restrictions and necessary precautions to be taken in order to avoid off-site odor migration. Mr. Barrett said that it is important to note that forms used were the same ones that the Board required 2 years ago and the form has worked out well. The last northeast well was drilled when there was a northeast wind, which is not usually done, but Mr. Barrett approved it because it was a shallow well and he needed it to get done. RC & D has begun pipe installation and should have wells operational by the middle of the week of December 17th. ISWM has completed filling of Phase 2A/3A and is now placing intermediate cover in preparation for installation of final plastic capping material. Installation of the intermediate cover has been completed on approximately 50% of the top area. That 50% is the area they anticipate that most of the odors will come from. It is the new area where the new wells have been drilled. This allowed RC & D to get in to do their installation process as well. This helped stop the odors. ISWM has received comments from the neighbors that the

odors seem to stop. They have been working seven days per week but it is important to get the wells hooked up. The placement of the intermediate cover in conjunction with the hooking up of the new extraction wells will effectively eliminate the odors. The project is approximately two weeks behind due to the weather. RC & D is scheduled to work Saturday to make up time. ISWM had two odor complaints the week of November 19th and responded and did the necessary adjustments on the existing system. Once the new wells are hooked up and the intermediate cover is down it will take care of any odors. The installation of 50% of that intermediate cap had knocked the odors down considerable. Mr. Andrews asked how long it would take to balance the whole system. Mr. Barrett stated that they would be aggressive but that it could take about a month to balance everything out. Mr. Barlow is just concerned about the Christmas holiday and does not want there to be any odor problems during this time. He does not want there to be any open trenches during Christmas. Mr. Barrett stated that part of the daily sign off sheet is that someone from ISWM makes sure that there are no odor problems.

Mr. Barrett stated that the only new thing is that Covanta began their weekend deliveries this past weekend and everything went well. Covanta brought us little to no ash during a six week period when they were retrofitting their ash plant. The ash is beneficial to ISWM because we are using the additional material to cover the top. They are coming in on Saturdays and Sundays and there have not been any problems. Mr. Barrett said that he feels that there may be a time that they stop bringing the ash in. Ms. Peterson asked if there were any questions. Mr. Gately, from the audience, asked what the holiday hours were going to be. Mr. Barrett answered that the landfill would be open Christmas eve until 11:00 am and would of course be closed Christmas and New Year's Day.

2. 18 Richmond Road – Bracken Engineering for David and Elaine Lagasse- Request variances. Ms. Peterson asked the Board members if everyone had received the letter from the abutter Mr. Francis and the members answered that they did. Ms. Peterson stated that his concerns would be taken into consideration but that the issue regarding the mailing address was not really anything the Board could address if that was the listed legal mailing address. Mr. Bracken stated that they have the certified abutters list from the Assessor's office. Ms. Coffin thought that one green card was missing but Mr. Basinski showed that two properties had the same P.O. Box. Mr. Bracken stated that the lot is 3500 square feet, 40' by 80'. There is an existing two bedroom cottage on the property. The Lagasses would like to raze the existing building and construct a new two bedroom dwelling on the property. The plans have been submitted under local upgrade approval. The system was designed under maximum feasible compliance but with enhanced treatment from drip irrigation. The property is completely within the 100 year flood zone at about elevation 15. The ground elevation is about 5 in the front and 6 in the back. In order to rebuild the structure it will be raised so that the first floor is above flood zone elevation. There will be a garage under the structure and two floors of living space. The overall increase in interior square footage is about 36%. Because the existing bedroom space is so small, the increase in the bedroom space is 105%. Mr. Bracken stated that although they are over the policy guideline of 25 % where additional treatment is usually required, they are proposing to offer drip irrigation as a form of treatment. Drip irrigation is a series of small pipes with many small holes. The effluent gets pumped

under pressure and makes contact with the soil maximizing contact with the soil. Groundwater in this location is fairly high. They installed a monitoring well with a data logger. The groundwater was monitored over a full moon cycle. There is a substantial change in groundwater elevation over that cycle. It was found that the maximum groundwater was el. 3.33. In order to get the four foot separation there will have to be a retaining wall constructed. There are other retaining walls in the area and the new proposed wall will match the top of the wall of a newly proposed system that is not under construction as yet on an abutting property. Mr. Bracken also stated that the perc rate was 9 minutes per inch and they could have requested a reduction in the separation to groundwater but they are not doing that. The variance that is being requested is to the coastal bank that is to the north of the site. There are two buffer zones. The buffer zone from the west is a marsh area but the 150 foot setback is met from the leaching to that wetland. The project has been approved by the Conservation Commission and they confirmed the resource area locations. The top of the coastal bank is the top of the seawall north of the site. Mr. Bracken is asking for a 12 foot variance from the 150 foot setback of the leaching facility to the seawall. Mr. Bracken also added that the mean high water mark is still about 15 feet from the seawall. Ms. Tinkham asked if the abutter was concerned that the new house was going to be wider. Ms. Coffin stated that she had emailed the abutter and one of his concerns was the width of the house and also runoff from the reconstruction. Mr. Bracken stated that with the soil conditions on site there would be run off anyway and that the new system will contain a lot of clean sand fill which should help the situation. Ms. Coffin stated that she had recommended to the abutter that he contact Mr. Bracken's office to discuss the runoff. Mr. Andrews questioned the height of the finished grade and the top of the wall. He was concerned about water being shed onto an abutter's property. Mr. Bracken stated that there should not be a problem due to the soils. He stated that they could provide a little lip on the inside of the wall so that it wouldn't run onto an abutter's property. He would prefer to have the water directed onto the same lot. Ms. Coffin asked if there was a way to grade the cover over the raised leaching so that it would run off the wall into a drywell on at least onto the applicant's property. Mr. Bracken said that it could be graded. There will be a pervious driveway. Drywells would be an issue due to the high groundwater. Mr. Bracken stated that the Board could make it a condition that no runoff be directed to the abutting property. Mr. Bracken stated that the roof area will be about the same but the lot coverage will increase. Mr. Barlow was still concerned about runoff to any abutter's property. Mr. Bracken said that legal they cannot create runoff to an abutter's property anyway. He said that the intention is to direct the runoff to the applicant's own property. The driveway will be gravel and that will help. He might be able to put a gravel trench drain around the house as well. Ms. Peterson that we cannot address Mr. Francis' concern about the setback of the house as this is not a Board of Health issue. Mr. Bracken stated that he will be able to address this issue with the Board of Appeals because there will be a hearing before that Board as well. Ms. Peterson stated that, for the record, she does not believe that the Board of Health can do anything about the concerns of the setback of the house to Mr. Francis' property. The other Board members agreed. Ms. Coffin stated that she wanted to make the Board aware that the applicant is asking for a 12 foot variance to the 150 foot setback and that drip irrigation is not a nitrogen removal system even though it is an alternative type system. It is not the type of system that the Board usually wants

where there is this type of variance requested. She wants the Board to know that there has been no approval for nitrogen removal for this type of system. She wants the Board to make an educated vote. Ms. Coffin stated that she believes that the resource is the mean high water and that this is the resource being protected. Mean high water is at least 150 feet from the leaching facility and therefore the intent of the regulation is being met. Mr. Andrews stated that he would like to have a two bedroom deed restriction as well. Mr. Andrews made a motion that the Board grant a 5 foot variance from the required 10 foot setback of the septic tank to the property line, a 5 foot variance from the setback of the pump chamber to the property line, a 3 foot variance from the required 10 foot setback of the soil absorption field to the property line, and a 12 foot variance from 150 foot setback of the leaching facility to the coastal bank. The plan of record is for 18 Richmond Road, dated received by the Board of Health on November 20, 2012 and dated November 19, 2012 by Bracken Engineering. The architectural of record were dated received December 12, 2012 and dated November 13, 2012. He further stated that as-builts will be done by the engineer after the completion of the project and that a two bedroom deed restriction will be recorded at the Registry prior to the issuance of a building permit. Mr. Uitti seconded the motion. It was a unanimous vote to approve.

3. Pocasset Mobile Home Park – Attorney Charles Sabatt—Discuss and vote regarding issuance of 2013 license for Pocasset Mobile Home Park. Attorney Sabatt requested, on behalf of the Park, that the Board issue the license for the Park with the same conditions as the license for 2012, or with similar conditions that the Board deems appropriate. Mr. Andrews asked if the application had been made. Ms. Coffin stated that it had not but Mr. Sabatt stated that he would get the license application in. Mr. Andrews stated that last year the Board reduced the conditions from ten items to eight items and he suggested that the new license should contain those eight items again. He stated that Mr. Sabatt has demonstrated that he is operating the Park in the best interests of Public Health. Mr. Andrews moved to approve the license for the Pocasset Mobile Home Park conditioned on the application submittal and the fee being paid to the Board of Health; and that the licenses be granted with the same conditions as approved with the 2012 license on January 25, 2012. The license will be effective January 1, 2013. Ms. Tinkham seconded the motion. Ms. Daniels, from the audience, asked what the 9th and 10th conditions were that were previously removed and removed again this year. Mr. Andrews stated that the two conditions had to do with the issuance of a bond and the fence around the leaching area. He stated that there has not been any exposure around the leaching and so that was removed. Mr. Sabatt stated that the other condition that was removed was the \$20,000 escrow account. It was discussed that the license fee was \$100.00. It was a unanimous vote.

4. EDS Powerpoint – Cynthia Coffin training for Board of Health. Ms. Coffin discussed that the powerpoint is from the Department of Public Health and her presentation to the Board is something that is required by the Center for Disease Control and the DPH as part of the Town's Emergency Preparedness. She reviewed that the EDS sites are Emergency Dispensing Sites. These are designated sites in Town where vaccine or prophylaxis would be distributed to the public in the event of a public health emergency. The Incident Command system, that the Board members have all received training on, is

the system that would be used in any EDS situation. She stated that the SNS or Strategic National Stockpile is the place that we would get all the vaccine or prophylaxis from in the event of an emergency. The written plans for all the Towns were developed with assistance from Barnstable County Health Nurses. Each Town has a huge binder with all the written plans, job action sheets, and protocols. Every year the binder has to be reviewed and signed-off by the chief administrator. Drills and tabletop exercises are done by the County but at some point local drills should be done as well. She stated that Bourne has three EDS sites listed with the State, the Community Building, the Bourne Middle School, and the Bournedale Elementary School. All three sites would not be able to be opened at once as we don't have enough volunteers but all of these sites are available and have written plans. The idea of the plan is to be able to vaccinate 100% of the population in 24 hrs. Recently this goal has been changed to prophylaxis of 100% of the population in 48 hrs in the case of anthrax where one representative from each family would come to the site to pick up the medicine for dispensing back at the home. Ms. Coffin stated that we really don't have enough volunteers. She discussed that the ICS system is a standard operation of management that allows you to operate with an integrated management system that is scalable based on the size of the operation. The ICS system provides clear lines of authority and communication. The Town's PIO (public information officer) is Tom Guerino but the Town may also try and get a public health PIO, perhaps the Health Inspector. Span of control is where one person cannot have more than 3 to 7 people reporting to him or her. This is so that no one loses control of who they are working with at any operation. She discussed all the key personnel at an EDS site. Ms. Coffin discussed the way the EDS sites were chosen. A back-up generator and good accessibility is desired. The Medical Reserve Corps will do credentialing of any volunteers. Ms. Coffin went over the general site flow in any dispensing or vaccination scenario. She stated that she hopes to get the emergency plans on the Town website in the near future. She also discussed that there is a real issue of the plans not working if we don't have enough volunteers. She also stated that the Town of Sandwich held a drill during one of their flu clinics and did a drive through dispensing that worked really well. Any long term care facility is considered a closed pod and should have their own plans to come and get vaccine or prophylaxis at the EDS site and then return to take care of their own population. The Strategic National Stockpile was established in 1999. Medical supplies are staged in 12 unknown locations. The SNS will deliver the supplies to the EDS sites. It is hoped that the plan will work as outlined in the best case scenario. The Board members thanked Ms. Coffin for the powerpoint review.

5. Approve the minutes of 11-28-2012. Mr. Andrews made a motion to approve. Ms. Utti seconded. It was a unanimous vote to approve.

Mr. Andrews made a motion to adjourn. Ms. Tinkham seconded. It was unanimous. The meeting adjourned at 8:03 P.M.

Respectfully taped by,

Lisa M. Collett
Secretary

Typed, 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