

**Minutes of the Carlisle Board of Health
September 29, 2015**

Bills Administrative Reports Minutes 8/25/15, 9/15/15(tentative) 128 Robbins Drive – Seeley <ul style="list-style-type: none">• proposed addition exceeding septic capacity Benfield Farms – Testing Summary through 9/14/15 <ul style="list-style-type: none">• System Modification Proposal – memo 9/25/15• Temporary Certificate of Compliance – expires 9/30/15 DISCUSSION ITEMS 338 Bedford Road - <ul style="list-style-type: none">• Site Plan Review Comments due 10/22/15• Sewage Disposal Plan• Pre-submission conference report Center Water Test Results – summary Clark Farm “The Farm Stand

The meeting was called to order by the Chairman at 7:01 pm at town hall. Present were Board members Bill Risso (Chairman), Lee Storrs, Catherine Galligan, and Donna Margolies; absent was Todd Thorsen. Also present Linda Fantasia, Health Agent, Helen Lyons, Carlisle Mosquito.

BILLS – MHOA Intern grant, office supplies. **It was moved (Galligan) and seconded (Storrs) to approve the bills as presented for payment. Motion passed 4-0-0.**

ADMINISTRATIVE REPORTS –

Flu Clinic – The Senior Flu Clinic will be held at town hall on 10/5/15 from 10-12; the clinic will be used as a drill for an Emergency Dispensing Site; volunteers are being provided by Council on Aging and Board of Health; refreshments will be provided by Robbins Brook. There will be no separate clinic at the school. Town employees may attend if they pay for the immunization.

Chestnut Estates – Developer provided a one week notice that he will be using a hoe ram for 1-2 days the week of Oct 5th to excavate an electrical trench. Abutters were notified via email.

Emergency Management Shelter Training – 9/30/15. Fantasia, Lyman and Hodges will attend. The office will be closed except for inspections.

Installation Issues – Risso reported that he had spoken with Rob Ratta about his complaints and how the Board could work to improve the schedule. Risso explained that one of the reasons for the limited schedule is the direction from the Finance Committee that engineering requests must be cost neutral to the town. It is important that installers recognize that the Board’s staff is limited by this mandate and that all interaction should be handled in a civil manner. The Board is interested in making its services more efficient for both the town and the customer. The Board is proposing to invite installers to a meeting sometime in January for further discussion. Fantasia suggested including Septage Haulers and the Board agreed.

Community Septic Loan Program – Fantasia noted that there are two potential applications. The Interim Loan Note expires 2/15/16.

Barn Inspections – 89 applications were mailed out; 9 no longer have animals; 12 applications have not been returned (15%); 2 email or phone reminders were sent; there is a late fee \$10.00 after 9/1/15. \$1725 has been collected.

Lyme Disease Subcommittee – The committee has one vacancy and six excellent candidates. The committee proposed to invite all candidates to participate for a period of six months and then those that want to continue would be appointed. Margolies who is a member of the committee explained that the committee did not want to turn away qualified candidates. The committee did not feel that being appointed an associate had the same value as being a regular member. The committee functions mainly in an advisory capacity and hardly ever needs to vote. There is no budget.

The Board was concerned about the size of the committee if all six candidates chose to continue along with the four regular members. This would make a committee of ten. It would be difficult getting a quorum. The Board understood the concern about turning away qualified volunteers but the purpose in establishing the committee was to address tick borne disease in the community through a standing committee. The committee acts as an advisory committee to the Board and needs to have a sustainable governing structure. The Selectmen want all committee and board members to adhere to one year term limits. This would give an associate member a chance to move up should there be a vacancy. The Board agreed that the committee should stay within its established guidelines of five regular members. Associates could be appointed at the committee's choosing.

MINUTES – It was moved (Galligan) and seconded (Margolies) to approve the minutes of 8/25/15 as amended. Motion passed 4-0-0.

128 ROBBINS DRIVE – Proposed addition. Clara Seeley, owner, appeared before the Board.

The renovations include enlarging the kitchen/dining room area, adding a mudroom to the garage and extending the living room. The existing floor plan has a total of nine rooms which requires a four bedroom system. The septic system is only designed for three bedrooms with no garbage grinder allowance. The owner said a garage had been converted into finished rooms by the previous owner and a new garage was built. Fantasia explained that prior to the 1995 Title 5 Revised Code an owner only needed to show a reserve area to increase living space. The current Code requires that the system be upgraded. The existing room count is legally grandfathered. The system passed a Title 5 Inspection in 1999, 2009 and 2011.

Seeley wanted the Board to verify the room count. The kitchen, dining room and family room consist of one large open space. If the new living room area is included in this space the total room count does not change. Seeley would be interested in recording a three bedroom deed restriction to allow the renovations. The Board asked if any of the rooms could be combined. Seeley said she would need to discuss that with her husband. Risso considered the kitchen, dining, and living areas to be one room since there were no walls to separate them. Fantasia said DEP recommends using function when counting rooms. Galligan felt the kitchen and dining rooms were separate spaces. Board members were concerned that there is only a three bedroom system with no additional capacity. Storrs asked whether there could be a problem siting a larger system. An applicant should not create his own hardship that might require the granting of waivers by a future Board in order to upgrade the system. There is a brook on the property that could be a problem. In similar cases, the Board has required a conceptual plan showing that a larger system could be built without triggering waivers. The Board was concerned about the expense involved in submitting a conceptual plan. Fantasia said if the system should fail a minimum four bedroom system would still be required. The Board agreed that a conceptual plan would be unnecessary and was comfortable with the fact that a four bedroom system would eventually be needed regardless of the renovations. The Board also reviewed a site plan showing that the minimum setback distances to the septic system will be maintained.

It was moved (Storrs) and seconded (Galligan) to approve the proposed renovations for 128 Robbins Drive, Carlisle, MA as presented at the meeting, conditional upon recording of a three bedroom Deed Restriction and proof of recording submitted to the Board prior to issuance of a Building Permit. Motion passed 4-0-0.

BENFIELD FARMS DEVELOPMENT – continuing issues with the FAST alternative technology treatment system. Toby Kramer (NOAH) appeared before the Board along with Benfield residents Eugene Brandeis, David Carroll, Warren Brown and Carlisle resident Alan Carpenito.

All of the testing data had been added to the spreadsheet. The last testing date was 9/14/15. Only Total Suspended Solids (TSS) and Total Nitrogen (TN) were elevated (31.8 mg/l and 20.08 mg/l results; 30 mg/l and 20 mg/l

discharge limits). Kramer explained that they are exploring options for adding the Carbon source (MicroC 1000) to the FAST system since it appears to be helping. As a short term fix they are proposing to run two plastic pipes through the 10" vent pipe for both the Carbon and Alkalinity feeds. Both will go to the Equalization tank. This work will be done by Waste Water Treatment Systems (WTS). They are looking for a contractor to run the plastic pipe out to the Equalization Tank under the driveway. They are not able to store the two 55-gallon drums for the Micro1000 in the pump house because of the water supply lines. They are looking into building a 6x8 storage shed. Kramer is getting estimates for all the work. Since the Alkalinity feed is a more expensive system, Kramer would prefer to have more testing results before making this investment. The line would be installed at the same time as the Carbon feed but not activated. The work will be done at the same time as the annual septic tank pump out. She is also looking into installing an underground vent to reduce odors at the above ground one. Meridian Engineering is preparing a plan. Approximately 30' of trench will be required. It will be covered with cedar chips and should eliminate all of the normal processing odors of the FAST System.

The Board agreed that it did not want to wait any longer on setting up the Carbon feed system. Kramer agreed but noted that the logistics of installing the system are taking time to work out. They may need approval from the Conservation Commission for the shed and trench. The Board said it would prefer to have all the work, carbon feed and bio-vent trench, done at the same time and as soon as possible.

The Board asked if the audience had any questions. Brown said a number of residents have noticed a rotten egg smell from the faucets and sinks. The water also feels soapy or slippery. Kramer said the drains could smell if they have not been used for a while. Some residents do a lot of travelling. Risso said it could also be iron bacteria. Kramer agreed to have the Certified Well Operator (SWSS) check the hot water tanks. There are individual tanks in each unit. Brandeis said it reminded him of an overloaded septic tank. The Board said there is no way the septic tank could be full. Brandeis asked to see the water and septic data and Kramer agreed. She said there have been no problems with the water supply since the water softener was adjusted last year. If there is a specific issue she would like to know so she can inform SWSS. Carpenito asked if the odor from the septic system vents contained bacteria. The Board assured him it did not.

The Board noted that the Temporary Certificate of Compliance expires 9/30/15. The Board agreed that it would be appropriate to issue another temporary certificate since there has been some improvement in the testing results.

It was moved (Galligan) and seconded (Margolies) to issue a Temporary Certificate of Compliance until October 31, 2015 for Benfield Farms to allow additional time for the FAST System to meet the required discharge limits. Motion passed 4-0-0.

DISCUSSION ITEMS

338 Bedford Road – Site Plan Review

The project involves the construction of two group homes for adults with intellectual disabilities submitted on behalf of the Carlisle Affordable Housing Trust (CAHT), land owner, and Towards Independent Living and Learning, Inc. (TILL), developer. Under the local zoning bylaws, the project requires a Site Plan Review before the Selectmen. The Planning Board has asked for comments and recommendations from the land use boards in preparation for the public hearing before the Selectmen. TILL and Samiotes Consultants, the engineering firm, had presented the project to the Board on August 25, 2015 and a proposed Sewage Disposal Plan was submitted on September 28, 2015.

According to the soil testing conducted on August 17, 2015 the soils appear suitable for the proposed design. Both the system and the well will meet all required local and state minimum setback distances. A Title 5 Sewage Disposal Construction Permit and a Well Permit from the Board of Health will be required. Plans are currently being reviewed by the Board's consulting engineer. The Board will be making its decision on the permits at its next meeting on October 20, 2015. The Board agreed that if there are no problems with the plan, the design engineer need not attend the meeting. It is expected that TILL will attend in case the Board sets conditions to the permit.

The question of adequate nitrogen loading has been addressed. The 5.4 acre parcel is owned by the Trust and the Trust will be the applicant for the septic system construction permit. The Trust will also be paying all of the Board of Health engineering fees. The system will be constructed by TILL, Inc. under its lease agreement with the Carlisle Housing Authority. Risso noted that the septic plan calls for two tanks; a single tank would be more cost effective. Fantasia will check with Rob Frado to see about including it in his review. The Board also discussed whether to inquire about any proposed irrigation system. Fantasia noted that the Board does not yet have a specific policy and does not ask this of regular single family homes. The Board cannot require anything of the project that it does not of a single family home under state law.

Based on the information provided, the Board does not foresee any problems with siting a nine-bedroom septic system and a private well on the property. A memo will be sent to the Planning Board.

Center Water Testing – Cushing, Jammallo and Wheeler, the new licensed site professional evaluating the site for the Daisys, submitted well testing reports. Six wells in the center were tested for Volatile Organic Compounds and General Water Chemistry. The levels of MTBE appear to be lower. This could be due to fluctuations in the water table. No post-filter problems were noted.

“The Farm Stand” Bedford Road – Fantasia inspected the stand on 9/23/15. The stand will be open until 11/22/15. There is a public porta-potty onsite with hand sanitizers available. There is no running water in the stand except for those outside. A backflow preventer was installed when the new line was run from the well. Bottled water is available for employees. All of the food products were labelled and from approved vendors. Meats were processed at a USDA facility (Adams Processing). Soil testing was done for a septic system but no plans have been submitted. Since it is late in the year, the Board agreed not to require the \$150 retail establishment fee. Next year the full amount must be paid and the operation inspected by Randy Phelps. A 2015 license was issued to the market.

Irrigation Policy – tabled.

There was no further business. Meeting voted to adjourn at 8:40 p.m.

Respectfully submitted,

Linda M. Fantasia
Recorder