

**Minutes of the Carlisle Board of Health
September 8, 2014**

AGENDA	Minutes 8/19/14 Bills Administrative Reports
81 Russell Street (Garrison Place) –	<ul style="list-style-type: none">• Groundwater mounding Peer Review Selection• Definitive Subdivision Plan & Senior Open Space Residential Permit – comments for Planning Board• Final plan preparation meeting – Fantasia memo
Discussion Items	<ul style="list-style-type: none">• 90 Long Ridge Road<ul style="list-style-type: none">◦ Nitrogen Loading Easement for 100 Long Ridge Rd• 2014 Local Public Health Mini-Grant – <i>Food protection at community events</i>• Great Brook Farm Septic System – pre-construction meeting• 95 Hanover Road –status report• Benfield - leaching field update (ConsCom letter 9/3/14)• History of Mosquito Control in Carlisle (draft)• MHOA conference – registration due 9/30

The meeting was called to order by the Chairman at 7:00 pm at town hall. Present were Board members Bill Risso (Chairman), Lee Storrs, Donna Margolies, and Cathy Galligan. Also present were Linda Fantasia, Health Agent, Alex Brewster (Carlisle Mosquito) J.J. Cohen, George Dimikarakos, John Burke, Robert Wegner

MINUTES – 8/19/14 tabled to next meeting

BILLS – include Pump & Well Inspector services and W B Mason for office supplies (credit). It was moved (Galligan) and seconded (Margolies) to approve the bills as presented. Motion passed 4-0-0.

ADMINISTRATIVE REPORTS

Senior Flu Clinic – Friday, October 17, 10-12 Clark Room.

Public Health Region 4A – NERAC shelter exercise planning; details to be announced

Local Emergency Planning Committee – 9/11/14, 2 pm Fire Station. Library has agreed to host a display on Emergency Preparedness planning for winter. The Board will advertise the handbooks it has for each household. The Board noted that the Selectmen are organizing a shelter committee as a goal.

Job Descriptions –drafts for Agent and Administrative Assistant were submitted for Board review. The Town Administrator would like comments by 9/9/14. Fantasia suggested keeping the same wording under Purpose for the Assistant since the current wording is more descriptive of the responsibility of the position. The educational requirements should include some college or post graduate education. The Assistant, if available, may also help with emergency events. The Agent position now includes emergency preparedness and participation in regional public health activities.

Lyme Disease Subcommittee – The Subcommittee is interested in creating a blog for Lyme Disease Subcommittee but understands the need to supervise the content. The Selectmen need to establish a social media policy. The Board reviewed a Field Trip Notification for distribution to parents. The Board will include the resources on the town’s website. The next Subcommittee meeting is 9/29/14.

DISCUSSION ITEMS

Mass. Health Officers Association (MHOA) – Risso and Fantasia will attend. Cost of attendance will be paid from Region 4A Emergency Preparedness as long as the participants attend some of the trainings. Galligan is attending the Dept. of Fire Services Annual Conference which will be paid by her employer. Carlisle has \$4200 in local allocation for the current budget year.

Benfield Farms – The Conservation Commission provided the developer with a work plan, agreed to by the Board of Health, for clearing the field of pieces of asphalt. The area over the leaching area will be hand raked. The leaching field will be staked by the engineer. Once the contaminated fill is removed the area will be reseeded. The Board is anxious to get the field cover stabilized.

Great Brook Farm Pre-Construction meeting – Fantasia met with representatives from DEP, DCR, the design engineer, installer and farmer to go over the schedule for installing a new septic system for the ice cream stand and apartment. The current system is in failure and being pumped once a week. Much of the work on the pump chambers and force main are close to the public areas. Since the stand will remain open during construction, the contractor is working with DCR on public safety issues. School groups often visit in the fall which is another consideration. The work is tentatively scheduled to begin the week of 10/13/14. It should take about 10 days to complete. The Board has agreed to have Rob Frado visit the site at least once. DEP is the permit issuing authority. DEP agreed to provide a schedule for pumping the grease tank taking into account that the ice cream stand is a seasonal operation. The schedule will be a condition of the Certificate of Compliance. The Town will be provided updates on the work activities and final as-built plans.

81 RUSSELL STREET (GARRISON PLACE)

Present for the discussion was: JJ Cohen, developer's representative, George Dimikarakos of Stamski & McNary Inc. (SMI), and Atty. John Burke

The Board had requested an extension from the Planning Board on the 45 day comment period. In addition to reviewing the sewage disposal plan, the Board is responsible for commenting on the proposed Definitive Subdivision and Senior Open Space Residential Development. The Board's consultant, Rob Frado, provided comments (8/12/14) on the Subdivision Plan and SROSC. He noted shallow test pits that should be avoided. These have been taken into account in the septic design. Wood waste disposal needed to be identified. The developer said it would be removed offsite.

Based on the plans submitted and comments from its consultant the Board found that the proposed development demonstrated suitable soil for siting a sewage disposal system has received site approval from DEP for a public water supply (PWS) and complies with local septic and well regulations. The Board requires that an existing onsite private well be decommissioned at the time the PWS is brought online.

It was moved (Storrs) and seconded (Margolies) to approve the Definitive Subdivision Plan for 81 Russell Street (Garrison Place) with the following conditions: wood waste will be removed offsite; the existing onsite well will be decommissioned according to local regulations. Amended motion passed 4-0-0.

It was moved (Storrs) and seconded (Margolies) to amend the motion to include the condition that no public water supply or private well should be used for irrigation. Motion passed 4-0-0.

The Board does not want well water for irrigation in the development. This was discussed at a pre-construction meeting attended by Fantasia. Cohen said only a small area of the development will be landscaped and require irrigation. They will consider xeriscaping landscaping [using a selection of plants for water conservation] if appropriate. They will not use the Public Water Supply for irrigation although DEP does not prohibit having a separate well for irrigation. Risso said the Board is becoming very concerned about water used for irrigation. The volume used is significantly more than water usage in a household. Carlisle is 100% dependent on private wells for drinking water. There is no alternative supply. As the town continues to develop, it becomes important to protect this resource. There is no way to tell which aquifer a well is drawing from since all wells are Carlisle bedrock wells.

The water source travels through fissures in the rock. The Board suggested capturing and storing roof and street runoff. There have been problems of neighbors' wells running dry as a result of irrigation.

Dimikarakos agreed that irrigation requires a lot of water, and the Board has a right to be concerned about the town's future water supply, but he also noted that many properties in town have irrigation systems running off household wells. The development will have a separate PWS for drinking water and household use. The development is of modest density. There is a potential for any well to run dry or cause a problem. Cohen emphasized that only a small area around the houses would be landscaped.

Galligan said the Board is becoming more aware that water resources may not be unlimited. This is particularly a concern as the number of developments increase in town with greater density. Risso said the Board is considering developing a policy on irrigation in order to help protect the town's natural resources. Galligan said that in general people are becoming aware of the need for water conservation. There are a number of ways this can be accomplished: low flow plumbing fixtures, collecting roof runoff for landscape watering. Burke asked if the Board would approve the fire well. They agreed they would. Dimikarakos said the applicant definitely wants irrigation to support the landscaping. Dimikarakos suggested that the applicant prepare a landscaping plan that require minimal irrigation and submit it to the Board. The Board agreed.

The Board said they had proposals from Stephen Smith of GeoHydrocycle and Scott Horsley of Horsley and Witten to review the groundwater mounding calculations. Smith worked on the Benfield Farms plans for the town and Horsley on Coventry Woods. The two proposals are \$2500 and \$3950 respectively. The Board is considering the Smith proposal but wants to make sure it includes a meeting with the Board. Cohen and Dimikarakos said they would be fine with either consultant. Dimikarakos would choose the least expensive consultant.

It was moved (Storrs) and seconded (Margolies) to contract with GeoHydrocycle in the amount of \$2500 to review the groundwater mounding calculations and nitrogen loading analysis for Garrison Place. Motion passed 4-0-0.

The Board would like to know the hourly rate.

Fantasia had attended a land staff pre-construction meeting. The applicant will be funding an escrow account for the short and long term maintenance of the septic system. SMI is estimating replacement costs. Draft Master Deed and Trust documents are being prepared by the applicant's attorney John Burke. They will be available for Board comments prior to the next meeting.

100 LONG RIDGE ROAD – COMPREHENSIVE 40B PERMIT Present for the discussion was abutter Robert Wiggins.

The Board reviewed a letter from Attorney Dan Hill representing a group of abutters. Hill said it would be premature for the Board to consider approving the Nitrogen Credit Easement Restriction. Once approved it might give credibility to the 40B Application which is currently being reviewed by the Zoning Board. The Board was uncertain whether the Restriction required DEP approval. Fantasia noted that the applicant had only submitted a Restriction for the credit land and not for the facility land. The Board agreed to not proceed on the request until it had all of the information and a complete plan for the overall nitrogen loading. Jeff Brem, manager of Lifetime Green Homes, will be advised.

The Board also decided that it would like to have a one on one meeting with the DEP Drinking Water Program staff to clarify the policy on private wells in multi-housing developments and how the Town of Carlisle is expected to handle policy. The Board would like the meeting held in late September. Only two members can attend to avoid a quorum. The Board had received a request from an abutter to attend. The Board did not feel this was appropriate. It will not be a posted public meeting and DEP may not agree. Wiggins felt it would be more transparent if abutters could attend. The Board said it acts as the representative for the town which includes abutters. Wiggins said the abutters appreciate the Board's interest in the matter and Board members are elected by voters to represent them.

NEW BUSINESS

Public Health Mini-Grant – the Board has received a \$500 grant to develop a checklist for food safety at community events. The money needs to be committed by 9/30/14. The Board will be hiring a consultant. Fantasia will check with the town administrator to see if the position needs to be advertised. The grant application stated that the Board’s preference would be to hire an intern or student in the field.

It was moved (Galligan) and seconded (Margolies) that any Board member be authorized to work with the agent to interview, hire and sign a contract for the grant consultant. Motion passed 4-0-0.

Cancer Incidence in Carlisle Presentation – prepared by David Estabrook, MDPH intern, will be presented at the next Board of Health meeting on 9/30/14.

Winter Installations – By unanimous agreement, the Board of Health will not allow any installations past 11/30/14, except for emergency repair/failures. A number of installations were allowed to proceed past the deadline last year causing a tremendous burden on the consultant and staff. In many cases, the need to continue work proved unnecessary as owners were not seeking occupancy permits until well after the March 1st startup date. The Board will send a letter to local engineers and installers and place a press release in the *Mosquito* to warn owners that no system starts will be allowed on or after 11/1/14.

Chikungunya Mosquito – Galligan said the *Aedes aegypti* and *Aedes albopictus* mosquitoes have been observed in New England; they are primarily responsible for the spread of Chikungunya. This does not come as a surprise. Residents should take standard mosquito control precautions, particularly in eliminating standing water in which these mosquitoes breed.

Mass Health Officers Assoc. Workshop – will be held 9/30/14. The subject is “*Toxins in the Environment*”. Galligan would like to pursue a Toxic Use Reduction Grant next spring as a collaboration of communities.

West Nile Virus – the first human case was reported in Middlesex County.

Medical Reserve Corps Trainings – the Board reviewed some of the upcoming trainings. New members may be interested.

Next Meeting – Margolies will not attend.

There was no further business. Meeting voted to adjourn at 9:45 pm.

Respectfully submitted,

Linda M. Fantasia
Recorder