

**Minutes of the Carlisle Board of Health
March 30 2010**

Present: Board Members Chris Deignan Acting Chair, Bill Risso, Mark Caddell and Michael Holland (arrived at 8:30 pm); absent Jeff Brem.; also present: Catherine Galligan (South Street), Cynthia Sorn (Mosquito); Matthew Waterman (LandTech), Martha McConnell, Warran Lyman, Carol Foster, Gail Constable.

The meeting was called to order at 7:45 p.m. in the Heald Room of Town Hall.

BILLS - It was moved (Risso) and seconded (Caddell) to approve the bills as presented. Motion passed 3-0-0.

ADMINISTRATIVE REPORTS

PHER Budget balance as of 3/30/10 is \$7473. MAPC has approved payroll overhead costs. A reimbursement request for \$831.55 has been submitted. This money will go into the general fund. The Board also submitted a salary reimbursement for the agent of \$1550.59. This will go into the operating account and eventually be returned to the General Fund after 6/30/10.

Sharps Disposal – NE Medical Waste has agreed to a flat rate one time pick up of \$150.00

Septic Loan Accounts – two properties have been completed. The Finance Director is calculating the betterments.

Sanitary (Food Establishment) Inspector – Fantasia asked for guidance on preparing the scope of work. The agreement with Concord increased from 35 to 70 hours to provide engineering services. The Board already has a back up engineering firm (Norse Environmental) so this is no longer a requirement. The Board agreed that it is interested in obtaining sanitary inspection services for the eight food establishments in town. Fantasia will prepare a scope of work. She noted that Brent Reagor Concord Health Director expressed concerns about not being notified that the Board was dissatisfied with Concord's performance. Fantasia said she contacted Reagor to explain that the services were satisfactory but that the Board had concerns about the automatic 5% escalation clause of the contract. The town is being asked to reduce costs of services. Risso said he would prefer to hire an individual instead of an intermunicipal agreement. Fantasia said any individual hired by the Board would need to have company insurance. Concord may reapply for the new contract. Since the contract with Concord ends June 30 and has a 60 day notice to terminate the Board agreed that it should vote now to terminate the contract.

It was moved (Risso) and seconded (Deignan) to notify the Concord Health Department of the Board's intention to terminate the current Agreement for Sanitary and Engineering Services as of June 30, 2010.

PH 545 SOUTH STREET – replacement of failed septic system requiring local waiver for distance to wetlands. Plan entitled "Sewage Disposal System, 545 South Street, designed by LandTech, dated 7/8/10". The public hearing was opened by the chairman. Present for the hearing was Martha McConnell, Trustee, and Matt Waterman of LandTech.

Waterman explained that the proposed designed is the most environmentally suited for the site. The existing system is a cesspool that is located below the water table and would not pass a Title 5 Inspection. The proposed system is being located in the rear yard based on soil conditions. The well will be relocated to the front yard to accommodate the new system. The plan was revised initially to incorporate a Presby Enviro-Septic Leaching system which provides more treatment in a smaller area. This will reduce the amount of grading required. The system is 63' from the wetland. The original request noted 64'. It is a three bedroom design and includes the additional 150% capacity (495GPD) required under local regulations.

The Board asked whether they had tested in the front yard which would have put the system out of the buffer zone? Waterman said a former employee had done some soil probes in the front but they were not logged as official test pits. The soils were consistent with the testing in the rear but there was a very high water table. This would result in unacceptable aesthetic impacts because the system would have to be mounded in front of the house. They have not yet filed with Conservation. The Board asked if there was documentation of the failure. Waterman said he had

spoken with the pumper (Ratta Co.) but did not have anything in writing. The house is not occupied. Deignan explained that the Board requires written documentation on the failure and a narrative explaining why the environmental benefits for the proposed system location. This should also include soil logs and a statement about the economic feasibility. Caddell asked about moving the system closer to the house. Waterman said this would impact the 100' radius for the well. (Holland arrived) Holland questioned the installation of a Zabel filter in a Presby system. Title 5 requires them for pump systems which the Presby is not. Waterman said he did not think it was necessary but many towns require an effluent tee filter regardless of system design. Waterman agreed that the Presby requires a certain amount of particulates to work well. Holland asked that the filter be removed from the design.

Waterman then submitted revised plans dated 4/30/10 addressing the 3/29/10 engineering review. The Board asked him to go over how each point was addressed. The Board was satisfied that the appropriate changes were made. Deignan asked if there were any other Board or audience questions. There were none. Fantasia asked whether the Board should keep the hearing open until Conservation had a chance to comment. The Board agreed that they were comfortable closing the hearing as long as the setback distance provided was not decreased.

It was moved (Risso) and seconded (Caddell) to close the public hearing. Motion passed 4-0-0.

It was moved (Risso) and seconded (Holland) to grant a local waiver to 15.211 minimum setback distance to allow a leaching area no closer than 63' to wetlands conditional upon a satisfactory review by the Conservation Commission, submittal of a written narrative on the environmental impacts including soil logs, removal of the Zabel filter from the design, and upon a satisfactory engineering review of revised plans submitted at the meeting. Motion passed 4-0-0.

Cont. PH 142 BEDFORD ROAD - the applicant requested a continuance until the next meeting. The Board agreed to continue the hearing until 4/27/10 at 7:50 p.m.

Risso asked that some research be done on Title 5' definition of new construction prior to the meeting. Galligan said she had done some research and checked a marketing website which listed the house as two bedrooms. The proposed design is for a three bedroom system. The Board is questioning whether it should be treated as new construction which requires full compliance with local and state regulations.

Benfield Farms – Deignan suggested tabling the discussion until Brem was present. Alan Lehotsky representing the Carlisle Housing Authority was present. He thought that there was going to be a presentation. Fantasia explained that it was a discussion item for the agenda. Lehotsky was asked about the location of the fire well since the Board had just approved a septic location for the adjacent property. Lehotsky showed the Board that it was on the opposite side so it should not be a problem. The Board then asked about the peer review. Lehotsky said Nitsch Engineering will be doing the review including the septic system. Fantasia said the Board needs to determine a fee for the septic permit. The Board's fees are for single family dwellings not multi-family ones. Lehotsky pointed out that this is a town project and permitting boards are encouraged to reduce fees whenever possible. The Board explained that its consultant, Rob Frado, will be doing the plan review and inspections and the Board needs to recover these costs. Lehotsky said it is appropriate for the town to cover its actual costs. Fantasia had checked with Frado about potential costs. This is a larger system with a long force main. The system will include a nitrogen removal I/A and Presby. The 3900 GPD capacity must be pressure dosed. There will be additional work involved compared to a system for a single family home. It was decided to separate the costs into two parts: \$1000 for plan and as-built reviews and \$1000 field inspections (\$2000 total). The Board agreed that if engineering time exceeds the fees, additional costs will be charged to the project which has its own funding.

LYME DISEASE DISCUSSION – Present for the discussion was Gail Constable, Warren Lyman, and Carol Foster. Fantasia explained that the number of reported cases remains high in Carlisle. Co-infections (babeosis, ehrlichiosis, and HGA) are also on the rise. A number of residents have expressed an interest in having the Board sponsor another information night. The last one was done in 2005. Constable said her husband has been suffering from Lyme Disease for two years. It is a very insidious disease with many complications. It is important to educate people on how to prevent it, how to get a proper diagnosis and what treatments are available. Medical professionals are not always in agreement on treatment protocols. Constable referred to a movie "Under Our Skin" and suggested

the Board review it. Constable said the movie can be rather frightening but that it does carry a very serious message about the affects of lyme. Lyme has been shown to pass through the placenta so a child can be born with the disease without knowing it. Her husband has been infected twice. She makes a point of discussing the disease very year at the Farmer's Market. Caddell was in favor of having the Board sponsor a program. Fantasia said last year the Board was in the process of planning a three-part event which would include someone from Fish and Wildlife to talk about deer management, a local veterinarian and a physician. When H1N1 erupted, the physician was no longer available so the program was postponed. Constable said Alan Steere, M. D. at MGH might be interested. Fantasia said there is no Lyme Disease Treatment Center in MA. Lahey Clinic is considering one. Lyman said there is no agreement among medical personnel. He has been reinfected three times. It is a serious disease and the Board of Health should be playing a role in protecting residents. He felt the topic would need more than a onetime presentation. Foster said the best part of the 2005 program was hearing personal stories. Fantasia felt it might be possible to have a panel of residents to talk about their experiences and a medical professional to talk about diagnosis and treatment. It might be too confusing to include animal management on the same night. Deignan affirmed that early treatment is vital in limiting the course of the disease. Constable suggested articles in the Mosquito. Claudia Talland, M. D. had done a series a few years ago which the Board has had reprinted. (Holland leaves meeting). The Board thanked those in the audience for their interest.

271 RUSSELL ST – flood damage. The Board had sent a letter certified mail requiring the owner to address the damage to the system and suggesting that the septic tank be converted to a tight tank until this was done. The owners were also contacted by phone and email. There has been no response. Both Fantasia had checked the site and no work has been done. Fantasia is not certain whether anyone is living in the house. The Board agreed that the system should not be in use if there is a chance that untreated sewage is being discharged to the surface. DEP had approved the emergency use of the septic tank as a tight tank. Fantasia said a letter from DEP might help. The Board did not want to involve the state at this point. Fantasia will try again to contact the owners about covering the exposed trench area.

Well Testing – Nashoba Analytical is the only laboratory interested. If the sampling can be done over three days they are willing to eliminate the sampling cost. The Board agreed to work with them on organizing the testing which will be done in May.

The Board agreed to table the remaining agenda items until the next meeting.

There was no further business discussed. Meeting voted to adjourn at 9:20 p.m.

Respectfully submitted,

Linda Fantasia
Recorder