

Minutes of the Town of Dover, Board of Health meeting for December 13, 2010

Present: Members - Dr. Barbara Roth-Schechter, Dr. Harvey George, Dr. Joe Musto; Agents - Mike Angieri, Septic & Joe Fryer, Water Wells.

- 1) Meeting Called to Order at 7:00 PM.
- 2) Minutes of the November 8, 2010 meeting were approved.
- 3) 5 Morningside Drive. Continuation of public hearing. The Board discussed the report submitted by Horsley & Whitten on November 4, 2010 concerning their review of the Carr Associates computer modeling of sewage dispersion into the ground at this site to support a proposed septic system for a proposed 5 bedroom house on this vacant lot. The review process has been on-going since October 2009 when the application was filed requesting variances from the Dover Regulations for septic systems for a ground water depth of less than 36 inches. The report concluded that sewage break out would not occur under the parameters modeled which were done to simulate those used in the Board of Health's ESS Report of April 13, 2004 which recommended guidelines to prevent ground water pollution from septic systems at sites having depth to ground water or percolation rate issues. The report concluded that sewage break-out would not occur under the conditions modeled. No abutters were present at the hearing. The Board voted to grant the variances with the conditions that a higher degree of treatment be evaluated and the system grading adjusted to further preclude break-out. Plans subject to final technical review.
- 4) Lot1 and 3C Dedham Street. Continuation of public hearing for a variance request from Dover regulations to allow new

construction on a vacant lot. The hearing was continued until February 14, 2011. Mr. Azanow was told to have responses to the two letters received from the abutter Mr. Heines. At the date, the Board also expects to have comments from Horsley & Whitten concerning the computer model.

- 5) Deed Restrictions. The Board approved and signed deed restrictions for : 7 Ledgebrook, no garbage grinder; 25 Meadowbrook, no garbage grinder; 98 Claybrook Road, 3 bedrooms, no garbage grinder, use of FAST system; 348 North Street Medfield, part of lot in Dover, sewer connection for pool house in Dover to septic system in Medfield.
- 6) Parks and Recreation Department. Several persons from Parks and Recreation including Nancy Simms and Rich Oasis were present to discuss the use of artificial turf at the proposed soccer fields at Caryl Field. The Board previously discussed the issue of using artificial turf and reported health concerns and was seeking further information. Nancy and Rich discussed the various issues and information they had obtained: turf materials will not leach chemical that will harm the Caryl School wells as outlined in a report by Tata & Howard; the wells are not within the Zone 1 but are in the Zone 2. Additional information based on reports by the turf supplier was provided: fields will last 9 to 15 years; materials used are safe for players and environment; abrasions do occur but are typically minor and artificial turf is not as abrasive as "ASTRO TURF"; head injuries are not a major issue; general injuries are less due to cushioning effect of turf and sand base. Although school age population is decreasing, it will still take about 4 years for population to decrease to point where field use will be manageable with the two new fields as there is excessive demand for field time and expansion is warranted. Fields will be fenced, locked and closed to general access and no dogs are allowed on fields; fence will deter deer

access; geese are not attracted to the field due to lack of food and water; fields are not used in summer during hottest times consequently heat issues are not likely to pose a problem; fields will be rejuvenated at least twice a year to keep the surface “soft”; fields can be cleaned/cooled using water from irrigation wells and not potable wells; disinfection of field is not necessary; no records of disease spread from use of turf; there is likely be a “user charge to help off-set maintenance and disposal costs.

Board had concerns as no specific medical or scientific studies were cited, just general information and testimonials from various non-specific sources no real discussion of disposal cost; wanted to see specific information/studies about materials, microbiology, safety issues, injury studies in children, leaching of heavy metals like zinc and chromium, water testing, disposal costs. Park & Recreation agreed to forward some information, but they pointed out that they would consider going forward with the project without endorsement of the Board of Health.

Parks & Recreation would also try to get additional information from boards of towns that have approved installation of artificial turf.

- 7) Cess Pool Policy. The Board discussed Title V inspections, for homes being sold, regarding continuing to accept cesspools as passing the inspection and their resulting continued use. The Board decided that this method of treatment did not protect groundwater quality even though it could meet minimum standards of Title V. Even if these systems are hydraulically working, untreated water from the cesspool enters the groundwater and is a potential pollution source. Since Dover

homes rely on groundwater for water supply continuing the use of cesspools was contrary to protecting groundwater and ultimately a public health concern. The Board approved changes to Policy regarding requirements for Title V inspection to include “Any building which uses a cess-pool, porous septic tank or any combination of either or does not have a septic tank is considered a **FAILED SYSTEM AND MUST BE UP-GRADED.**” This only applies to Title V inspections as part of the sale of a property.

- 8) Budget. The Board discussed changes to its budget for 2011-2012 and concluded that it would not include any longer, a line item for Reach-Out Inc. as in the absence of support by the Sherborn BOH there was no practical way to continue services by its director, Ms. Jane Biage
- 9) Meeting Dates. The Board set its meeting dates for 2011 as: January 10; February 14; March 14; April 11; May 9; June 13; July 18; August 8; September 19; November 14; December 12. Dates may be changed as necessary
- 10) The meeting was adjourned at 8:50 PM.

Mike Angieri