

## **Board of Health Meeting**

**January 23, 2017**

**Present: Gerald Maher, Chairman, Mark McDonald, Clerk, Tyler Nims, Vice-Chairman, Peter Falabella, Director of Public Health, Matt Tanis, Asst. Director of Public Health**

**The Board of Health Meeting opened at 7:00 p.m.**

**7:00 1126 Forest St. – S. McGlone presenting.** Mr. McGlone stated that the septic system was installed in June 2016. Upon review by the BOH office, it was noted that the septic tank was closer than 10' to the building. The distance was measured in the field and the "as built" measurements now show a distance of 9.6' from the septic tank to the building; therefore a local upgrade is needed from the BOH. After discussion, the BOH approved 3-0.

**7:05 15 Sea St. – Darren Grady, Grady Consulting presenting, with Peter Armstrong, PA Construction also present.** The proposal is for a repair of the septic system at the site of the Dockside Donuts building. The total flow consists of two 2 bedroom units, and the Donut Shop with a design flow of 640 gpd. An existing Septic Tank and grease trap will remain, with an additional two compartment 2,000 gallon septic tank/pump chamber and concrete leaching chambers at 60' x 8.6' x 1' to be added. A retaining wall along 3 sides of the system will be required. The wall will be approximately the same height as the top of the foundation. Mr. Grady stated that Tight tank costs were estimated at \$18,000, and therefore this proposal was designed. The requested local upgrades and Title 5 variances were as follows: (1) System setback from a property line from 10' to 0.1', (2) Septic Tank setback to a property line from 10' to 4.4', (3) System setback from a cellar wall from 20' to 0.7', (4) Septic Tank setback to a cellar wall from 10' to 8.7', (5) a 25% reduction in required system size, (6) Use of a sieve analysis in lieu of a percolation test, (7) Reduction in groundwater separation distance from 5' to 4', (8) Title 5 variance – Reduction in lateral excavation of unsuitable soil from 5' to 0', and (9) Title 5 variance – Reduction in groundwater separation distance from required 5' to 4' along with a 25% system size reduction.

Mr. Nims referred to letters that had been sent to the Board of Health from Town Engineer Charlie Swanson and Building Commissioner Jerry O'Neill re: this proposal. The letters recommended that site specific excavation plans be submitted for the purpose of

protecting the shed, building and balcony as well as road layout; in addition, details of construction sequence and schedule, with review by Bldg. Dept., Public Works, and Police Safety for required permits and details were recommended.

Mr. Armstrong stated that he was planning to do the excavation for the chambers in sections, filling with sand as he goes along, and felt that he would be able to support the road and the building by this method. The owner would be unable to afford to provide extra details and construction methods. Mr. Armstrong also referred to other jobs that he had performed in the past that he felt were of similar difficulty.

Mr. Falabella stated that without the lateral excavation of unsuitable material, sidewall leaching would be reduced. Water meter readings for the building showed that actual water usage in the past was close to 275-325 gallons per day. Mr. Nims asked how deep the blocks under the building were (unknown), and also asked questions relative to how the side entrance ramp area would be handled. The BOH discussed the utility locations and wall details. After much discussion, the BOH agreed to continue the hearing to another time. In the interim, a site visit would be set up for the BOH staff, Mr. Nims, Building Dept., DPW Engineering, Police Safety, PA Construction, and Darren Grady to view the site and discuss in more detail.

**7:35 42 Carlton Rd. – Darren Grady, Grady Consulting presenting.** The plan for repair calls for a 1500 gallon septic tank and pump chamber to a chamber system of ADS biotiffusers. The local upgrades requested include (1) system to property line at 7', (2) system to cellar wall at 18.5', (3) reduction in groundwater separation distance from 4' to 3', and (4) Sieve test in lieu of a percolation test. The BOH voted to grant the upgrades 3-0.

**7:40 26 Outlook Rd. - Darren Grady, Grady Consulting presenting.** The plan for repair calls for a 1500 gallon septic tank, dbx and a 25' x 14.4' set of ARC36 chambers. The local upgrade requested is to increase the depth of cover over the system to 6'. The BOH voted to grant the upgrade 3-0.

**7:50 18 Tory Ln. – Jeff Hassett, Morse Engineering presenting.** The plan of repair is to reuse the existing 1500 gallon septic tank and install a dbx with infiltrator ARC chambers, and a breakout barrier. The local upgrade requested is to increase the depth of cover over the system to 5'. The BOH voted to grant the upgrade 3-0, with the condition that the vent be added to the system.

**8:00 56 Deerhill Ln. – Terry McGovern, Stenbeck and Taylor presenting.** This plan of repair is for a 4 bedroom existing house. The perc rate was 41 minutes per inch. Due to the size of system, a Presby system on the slope (6 laterals) is proposed, with a new 1500 gallon septic tank. The local upgrades requested include allowing a 40% reduction in size (allowed by use of Presby system), and reducing the groundwater separation distance from 4' to 2' (by using Presby system). After some discussion on the type of serial distribution provided, the BOH requested that a bypass vent configuration be shown for the septic tank, and that the low vent system be redesigned to vent fully all laterals. With these conditions, the BOH voted to approve the upgrade 3-0.

The meeting concluded at 8:20 p.m.

