

BOARD OF HEALTH MEETING DRAFT MINUTES
AGENDA
September 10, 2018

Present: Diana Molloy, Stephen Rafferty, Benjamin Van Mooy, Kevin Kroeger

6:29 - Opening Remarks and public comment: At 6:29 Diana Molloy called the meeting to order. There was no public comment.

Diana Molloy read the mission statement:

The mission of the Falmouth Board of Health is to protect and promote the health, safety and well-being of residents and visitors of the Town of Falmouth. The primary functions of the Board of Health to achieve our mission are to: prevent and control disease, enforce state and local regulations, promulgate local health regulations, identify and protect from environmental hazards, and advocate for a healthy community.

Wastewater Treatment Plant Performance

6:33 - Amy Lowell – Wastewater Supt. to discuss wastewater treatment plant performance

WWTP – New Silver and Main treatment plant results documents for August 2018:

Amy Lowell reported that a series of mechanical problems caused the disruption of biological treatment at this small local plant which serves 200 homes and the North Falmouth School. It is expected that performance will improve as the microbe population rebuilds. Consideration will be given to having spare parts on hand so that repairs may be done more quickly.

Ms. Lowell reported that the main plant has had good performance since it was upgraded in 2016.

Septic System Related Topics

6:48 – West Falmouth Fire Station – Request for an I/A approval

Previously granted approval from 6/4/18. Seeking to add enhanced nitrogen removal using the NitROE system:

Representative Maureen Thomas of the Buzzards Bay Coalition appeared with the voluntary request for a site-specific pilot approved system with enhanced nitrogen removal ability.

Stephen Rafferty moved to approve the installation of a NitROE tank as shown on a plan dated 5/21/18, finding that a denitrifying septic system for the property has been proposed, given that the Falmouth Board of Health has certain requirements for the approval of all I/A septic systems in the Town, and provided that prior to issuance of a Disposal Works Permit, the applicant shall provide evidence of registration with the property's deed regarding the existence of an I/A system on the property, proof of a financial instrument for the maintenance of the system, and the need for a maintenance contract for the unit in perpetuity. Maintenance shall, as a minimum, be provided in accordance with the pilot use approval of the I/A system and owner acknowledgement that the system requires quarterly monitoring and sampling for total nitrogen and that the system shall be operated to achieve an equivalent of 12 mg/L and the system shall be tested quarterly for compliance as demonstrated by 8 consecutive quarterly test results, and that the system is registered with and the results of monitoring and maintenance are reported to the Barnstable County Department of Health and Environment and that the system conforms to all of the standard conditions of the Falmouth Board of Health relative thereto. Benjamin Van Mooy seconded. All in favor; motion passed.

7:03 – 29 Shoreview Ave – Local Upgrade Approval request - proposed septic system upgrade:

Jeff Ryther appeared with the request to upgrade the failed system, two existing cesspools. The Board of Health was concerned with the request for 1' of relief from groundwater noting that a beach was just

down the street. It asked Mr. Ryther whether the plumbing could be raised or a pressure dosed or Presby system could be used. Mr. Ryther requested a continuance.

Benjamin Van Mooy moved to continue to 9/24. Kevin Kroeger seconded. All in favor; motion passed.

7:27 – 2 Pondlet Place – Local Upgrade Approval request - proposed septic system upgrade

Jeff Ryther appeared with the request.

Stephen Rafferty moved to approve 2 of the 3 requested Title 5 variances and the 1 Falmouth Board of Health variance finding that upon the consideration of all relevant facts and the considerations of the case that strict enforcement would be a manifest injustice, and the applicant has demonstrated that the proposed Presby Enviro Septic system is an improvement over the existing one, installation to be verified by the Health Agent and that a revised plan showing a minimum 10' separation of the water services shall be submitted prior to the issuance of a Disposal Works Permit and with the installation subject to the standard set of conditions and that a four bedroom deed restriction of this variance, that allows no increase in flow is recorded at the Barnstable Registry of Deeds. Kevin Kroeger seconded. All in favor; motion passed.

7:41 – Lot 6 Duckies Way – I/A Approval request- Falmouth Planning Board's subdivision approval requirement for enhanced treatment:

John Doyle appeared with the request noting that the Planning Board required the use of denitrifying systems in this development.

Stephen Rafferty moved to approve the installation of an I/A system as shown of a plan dated 7/31/18 finding that the Planning Board has required the use of a denitrifying septic system for this property and given that the Falmouth Board of Health has certain requirements for approval of all I/A septic systems in the Town and provided that prior to issuance of a Disposal Works Permit, the applicant shall provide evidence of registration with the property's deed regarding the existence of an I'A system on the property, proof of a financial instrument for the maintenance of the system, and the need for a maintenance contract for the unit in perpetuity. Maintenance shall as a minimum, be provided in accordance with the technology general use approval of the I/A system and owner acknowledgement that the system requires quarterly monitoring and sampling for total nitrogen and that the system shall be operated to achieve an equivalent of 19 mg/L and the system shall be tested quarterly for compliance as demonstrated by 8 consecutive quarterly tests results at which time a request for a reduction in sampling may be made, and that the system is registered as a four bedroom home and the results of monitoring and maintenance are reported to the Barnstable County Department of Health and Environment and that the system conforms to all of the standard conditions of the Falmouth Board of Health relative thereto. Benjamin Van Mooy seconded. All in favor; motion passed.

General Business and Correspondence

7:50 – Board of Health Goals discussion:

The Board of Health agreed that the goals would be reviewed at every meeting to keep the plan moving forward.

7:57 - Health Department/ Agent review

- Annual Report Review: Scott McGann reviewed the report.
- AIDS Support Group of Cape Cod updates: Site for needle exchange has not been determined.
- Natural gas risk in homes discussion from previous meetings: Benjamin Van Mooy reported that a review of the literature was mostly concerned with combustion but that a study indicated wheezing was decreased in children in homes with ventilation. He will draft a letter for the Board of Health's review.
- Accessory Apartment bylaw proposed changes review: An agreement/compromise has been achieved where no denitrification system will be required if there is no increase in flow.

Correspondence

- Third party inspection report of the solar array at the landfill: Reviewed.
- Review of meeting minutes from August 13, 2018: **Stephen Rafferty moved to approve. Kevin Kroeger seconded. All in favor; motion passed.**

At 8:35 Stephen Rafferty moved to adjourn. Benjamin Van Mooy seconded.

Relevant Documents

- NitROE system brochure
- Engineered plan from the Town of Falmouth Engineering Department
- Cover letter from BSS Design stating the need for a 10' setback reduction of the leaching system to a cellar wall and a 1' reduction in groundwater separation from 5' to 4'
- Assessor's Card for property / GIS map of property location
- Plot Plan - Subsurface Sewage Disposal System plan for Jane Furr at 29 Shoreview Avenue - August 20, 2018 by BSS Design
- Cover letter from BSS Design stating the need for a 5' setback reduction of the leaching system to property lines (10' required), a 2' reduction in groundwater separation (5' required) and a 6' reduction in distance from a waterline to a leaching component (10' required)
- Assessor's Card for property / GIS map of property location / Presby's Title 5 approval letter
- Plot Plan- Subsurface Sewage Disposal System plan for Marina Ann Hines at 2 Pondlet Place - August 8, 2018 by BSS Design
- Cover letter outlining the proposed 0.5 Microfast treatment unit
- Site and Sewage Plan Prepared for Thomas Ginn, Jr. dated July 31, 2018 by John Doyle
- Priority Initiatives document from Chairperson Malloy