

Board of Health Meeting

September 9, 2019

Present: Tyler Nims, Chairman, Paul Armstrong, Clerk, Bob Valery, Director and Gary Russell, Assistant Director.

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

7:00 66 Springfield Ave. (Parcel G-12-24-01) / Nitrogen Aggregation Loading Restriction / Title 5 Bedroom Deed Restriction / Stenbeck & Taylor, Terry McGovern presenting.

Mr. McGovern stated that Mr. Albanese had bought three parcels of land in Silver Springs WPA (G12-24-01, G12-10-08, G12-18-15, and G12-19-18) total land area 26125 square feet. Mr. McGovern reviewed the BOH approved plan to build a 3 bedroom SAS (Title 5 minimum) and provide MicroFast 0.5 treatment unit and Deed restriction to permit a 3,875 square foot land deficit. Abutter's notifications were presented with nobody attending with an objection to the project. Attorney Bob Galvin has approved the land purchases. Mr. Armstrong motion to approve the application for disposal system construction permit when the deeds are recorded restricting the house to three bedrooms.

BOH approves 2-0

7:15 64 Carolyn Circle / Local Upgrades / Morse Engineering / James Garfield and Greg Morse presenting.

Mr. Garfield presented the SAS plan that utilizes I/A technology (GEOFLOW & HOOT H600A Treatment Tank) credit allowing a 2' separation between the bottom of the sand and the seasonal high ground water, a 50 percent size reduction for the soil absorption system, and to allow a minimum 5' separation between the SAS and the foundation.

Local Upgrade Approval Requests:

- (a) 310 CMR 15405(a): to allow a reduction from 10' required to 5.3' proposed between the HOOT tank and pump chamber and the property line.
- (b) 310 CMR 405(g): to allow a reduction from 10' required to 6.7' proposed between the HOOT tank and the water line.
- (c) 310 CMR 15.405(g): to allow a reduction from 10' required to 8.6' between the GEOFLOW drip SAS and the water supply line.

Mr. Armstrong asks the question: Why don't these systems freeze? Mr. Morse explained that drain back to the tank, time dosing, and insulated valve boxes prevent the system from freezing. There is also a low level

alarm in the tank if a problem were to arise. The use of this technology is common in this area with about 5 already existing in Marshfield. Also the DEP and Town require a maintenance contract from the owner to ensure proper performance. If not in use there is a procedure for wintering/start up of the system that must be performed by a licensed professional. Does this adequately address your question? Mr. Armstrong replied yes. Mr. Russell asks if they could increase the size of the field. Mr. Morse showed the grading on the plan and area available which would make increased size impossible. Mr. Russell agreed then questioned the combining groundwater separation and size reduction on the same system. Mr. Morse provided the DEP Standard Conditions for Secondary Treatment Units Approved for Remedial use, specifically Section 5, which allows both credits without requiring a variance. Mr. Morse added that the water line would be sleeved along the SAS.

Mr. Armstrong motions to approve the plan and the application for disposal system permit.

BOH approves 2-0

7:45 Discussion re: 124 Old Ocean Street. Anonymous Complaint.

Mr. Valery explained a call had been received alleging pumping of effluent into a cranberry bog. Site visit revealed evidence (sump pump, long hose, electrical cord, and pry bar) in the driveway. Upon opening of the D-box the effluent was above the outlet. The owner Mr. Harris was notified of the findings and ordered to pump/repair. Mr. Harris responded next day stating he would comply. The office was notified of completion and record of pumping. Mr. Valery and Mr. Russell will notify Mr. Harris that they will be conducting random inspections over the next six months.

Meeting adjourned at 8:00 PM.

Next meeting to be determined. Meeting concluded.