

Administrator's Report
Board of Health Meeting of August 14, 2014
Report covers from July 24 to August 13, 2014
Items requiring Board vote are noted with an asterisk ()*

A. Inspection Report Reviews

(1) End Laurel Lane, Drinkwater, Map ?, Lot ? *

I reviewed the Title 5 inspection report for this property and have several concerns. The address listed on the report is "End Laurel Lane". Mr. Drinkwater owns a number of properties on Laurel Lane, so it is difficult to determine the specific property inspected. More accurate identification is needed. If the property has no legal street number, an Assessor's map & lot number should be given. If there are other septic systems on the lot, each of them must also be inspected. My other concern is with the determination that the leach pits are not located in groundwater. Each pit has 18" of liquid in it and the bottom of the pits are at 7'2" (86") below grade. A USGS soil survey of the area referenced for ground water determination states gw at greater than 6'. The pit bottom is 1+ ft. below that. A shallow water well is also referenced on the property. The standing liquid in the pits, pit elevation in relationship to estimated soil survey water elevation and the existence of a shallow well approx. 100' from the pits all indicate to me that the pits may be located in ground water.

*Recommendation: I recommend that a letter be sent to the property owner stating that this report for the inspection **performed July 17, 2014 by Jared Clark** was reviewed. The Board of Health determined that this inspection is incomplete (due to insufficient lot identification and possible need of additional system inspections) and has also determined that either a soil evaluation must be performed to accurately determine groundwater, or the pits be pumped out to determine if there is groundwater infiltration into the pits. The Board is therefore not in agreement that the system passed the inspection, but deems it as "needs further evaluation".*

(2) 6 Turtleback Rd., Barbera, Map 9, Lot 11E *

I reviewed the Title 5 inspection report submitted for this property. There are some areas that need to be addressed-

- Page 7 asks the number of current residents, and is answered as n/a. Further down on the page it asks last date of occupancy and is answered as "current". The responses don't coordinate.
- Page 9 asks the depth below grade of the septic tank and is answered as "COT"

Recommendation: I recommend that a letter be sent to the property owner stating that the BOH cannot make a determination on the Title 5 septic inspection for the

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referenced property, inspected July 3, 2014 by Kevin Usilton, until the above items are addressed and a revised report submitted.

B. Soil Evaluations / Waiver Explorations

None

C. Septic System Design Plan Reviews

(1) 45 Apple St. , Sweet, Map 9, Lot 11A

I reviewed the “as built” plan for this property and issued the Certificate of Compliance.

Recommendation: None, Informational only.

(2) 94 Conomo Point Rd., Kelley, Map 19, Lot 47

I reviewed the “as built plan” for this property. A pumping contract and the pump float elevations are needed before issuance of the Certificate of Compliance.

Recommendation: None, Informational only.

(3) 130 Rocky Hill Rd., Crockett, Map 6, Lot 19A *

I reviewed the submitted septic design plan for this property and note the following required corrections –

Manhole risers above the septic tank and Waterloo chamber should be slightly above finished grade.

1. Submitted buoyancy calcs note groundwater 5’ below existing grade. The plan states g.w. to be determined during construction, then buoyancy calcs submitted to BOH. Buoyancy calcs for all tanks must be calculated at existing grade if a test pit was not dug in the immediate area.
2. Water tightness testing is required for the septic tank and Waterloo chamber.
3. Pump must be able to pass ¾” solids, have integrated overload protection and be capable of 10 starts per hour.
4. The retaining wall design must be stamped by a P.E.
5. A variance allowance request to allow a reduction of naturally occurring pervious material from 4’ to 2’ is required.

Additionally, I am awaiting a clarification from DEP pertaining to the minimum horizontal distance between a break out barrier with a retaining wall and the adjacent side slope.

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Recommendation: I recommend disapproval of this plan, dated July 15, 2014 for the above reasons.

(4) 143 John Wise Ave., Storey, Map 22, Lot 8 *

I performed a partial review of the above submitted replacement septic system plan and noted the following needed corrections-

- (1) There is no locus on the plan.
- (2) A benchmark must be located within 50' – 75' of the system
- (3) If a test pit was performed in the immediate area of the tanks, it must be located and logged. If there is no test pit in the immediate area, groundwater must be estimated at existing grade for the purpose of calculating tank buoyancy.

Recommendation: I recommend this plan, dated August 4, 2014 be disapproved for the above reasons and other to be determined needed corrections.

D. Septic System Installations

(1) 45 Apple St, Sweet, Map 9, Lot 11A

I performed an alarm and pump inspection, final field, tanks, and final cover & stabilization inspection on this septic system.

Recommendation: None. Informational only.

E. Building Permit Applications & Occupancy Permits

(1) 26 Gregory Island Rd, Kaplon, Map 4, Lot 13 *

I reviewed the building permit application for this property. The owner, who lives across the street, wants to build a “one story, two car timber frame garage with concrete pad – no water” on this lot. There is no other building on the property, so no septic system. Water will not be run into the garage.

*Recommendation: I recommend endorsement of this **undated** application.*

(2) 65 Eastern Ave., Quinn Bro., Map 35, Lot 55D *

I reviewed and, per email board approval, endorsed this building permit application for “one metal bld 60' X 100', 6,000 sq ft.” with no plumbing. Public sewer is available for this property; however, this building will have no plumbing.

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Recommendation: Retroactive Board approval.

F. Well Water Supply Certificates

None

G. Meetings Attended (for information only)

I attended the Town Hall Dept. Head Meeting. Dept. updates and renovations were discussed.

H. Complaints

(1) Algae in Chebacco Lake

A woman called with questions regarding possible algae in Chebacco Lake. I contacted DPH for information & will be sending them pictures from the area of the woman who phoned and the public beach area. If they determine that it deserves investigation, they will follow up with sampling and testing.

Recommendation: None at this time. Informational only.

I. Hazards Abated Via Enforcement Orders

None

J. Other Issues

(1) Conomo Point Letter to Planning Board re: Sewage treatment & water supply*

The Planning Board requires BOH approval of wastewater treatment and potable water supplies for properties on Conomo Point before the Town sells the properties. I have been working on getting confirmation from three Conomo Point properties that they are in current compliance with the DEP Final Judgment and have acceptable potable water. The three properties are 101 Conomo Point Rd., 103 Conomo Point Rd. & 7 Beach Circle. They are all year round properties and are connected to municipal summer water supply. Two of them use bottled water for drinking in the off season & one has a UV treatment system for the cistern water. They are all in current compliance with their septic system deadlines.

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Recommendation: I recommend that the Board send a letter to the Planning Board stating that The BOH is in agreement that these properties have acceptable potable water and are in compliance with their septic system requirements.

(2) MA Antibiotic Dispensing Workshop*

I am requesting to attend this workshop on Sept 8 & 9 in Boston

Recommendation: Permission to attend.

(3) Rabid Skunk

I was notified by our animal inspector that a skunk that bit a child and possibly had contact with a dog tested positive for rabies. I was in contact with our Animal Inspector and Dog Officer and drafted a notice to be placed in the Newspaper. After some tweaking, I had Ann submit it to the GDT and Beacon.

Recommendation: None. Informational only.

K. Tracking of Housing, Food Service, and Other Miscellaneous Board Issues

(1) 20 Story St., Lane Estate, Map 36, Lot 6*

We have received an agreement to connect to the municipal sanitary sewer for this property.

Recommendation: I recommend that the Board accept this agreement, in lieu of the Title 5 inspection.

(4) Laurel Lane, Drinkwater, Map 7, Lot 31

Regarding the recent complaint on this property – Mr. Drinkwater sent me copies of electric bills for both properties & stated they both have a shared water supply. I went to the property and confirmed water service at 2 of the 3 buildings.

Recommendation: None at this time. Informational follow up.