Report covers from May 24 to June 20, 2012 Items requiring Board vote are noted with an asterisk (*)

A. Inspection Report Reviews

(1) 96 Martin St., Sullivan, Map 36, Lot 103*

I reviewed the Title 5 inspection report for this property. I am in agreement with the determination of the inspector, Dean Luscomb II, that the system does not meet Title 5 failure criteria.

Recommendation: I recommend that a letter be sent to the property owner stating that the Board is in agreement with the determination of the inspector, Dean Luscomb II that the system passed the June 6, 2012 Title 5 inspection.

(2) 2 Andrews St., Kusulas, Map 6, Lot 16 *

I reviewed the Title 5 inspection report for this property and am in agreement with the determination of the inspector that the system passed the June 7, 2012 inspection; however the report was submitted on an outdated form & must be resubmitted. The report did note heavy solids in the tank and recommend pumping.

Recommendation: I recommend that a letter be sent to the property owner stating that the Board is in agreement with the determination of the inspector, Dan Johnson, that the system passed the June 7, 2012 inspection. I recommend that the letter also note that the inspector recommended pumping of the tank due to heavy solids.

B. Soil Evaluations / Waiver Explorations

(1) Lowland Farm Rd., Builder Lot 7

I witnessed soil testing on this property to relocate the soil absorption area from the existing approved location.

Recommendation: None. Informational only.

C. Septic System Design Plan Reviews

(1) 41R John Wise Ave, Konevich, Map 18, Lot 5*

I reviewed the redesigned septic plan for this property. The original, approved plan was for gravity flow from the tank to the soil absorption area (sas). The owner has had the plan redesigned to be able to lower the house foundation,

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creating the need for a pump system. The tank has new elevations & a pump tank has been installed. The field design remains unchanged. My review reveiled the following needed changes –

- 1. A minimum 2" delivery line is needed into the d-box.
- 2. Buoyancy calculations for the pump chamber have been calculated using the incorrect estimated ground water elevation.
- 3. The loading strength of the pump chamber isn't stated.

Recommendation: I recommend disapproval of the above revised plan, designed April 20, 2012 and revised May 24, 2012 for the above 3 reasons.

D. Septic System Installations

(1) X Street, Name, Map X, Lot X

Recommendation:

E. Building Permit Applications & Occupancy Permits

(1) 160 John Wise Ave., Lot A, Crocker, Map 22, Lot 7 *

We received a building permit application for this property to "construct a 70' X 70' X 35' prefabricated steel building with 4' foundation walls and slab (no bathrooms or heat)". This building is to be used for boat storage and will have a bathroom. This property has an approved 3 bedroom replacement septic system design. The existing house will be demolished to place the new building. I reviewed the new building floor drain plans which connect to a tight tank. The Plumbing Inspector has approved the design. The Board gave me permission to approve this application upon satisfaction with the floor drain plans. I approved the application on 5-29.

Recommendation: I recommend retroactive endorsement of this application, **dated 2-7-12**, until we receive the needed septic information.

(2) <u>164 John Wise Ave., Lot B, Crocker, Map 22, Lot 7 A</u>*

We received a building permit application for this property to "construct a 70' X 70' X 35' prefabricated steel building with 4' foundation walls and slab (no bathrooms or heat)". This building is to be used for boat storage and will have a bathroom. This property has an approved 3 bedroom replacement septic system design. The existing house will be demolished to place the new building. I reviewed the new building floor drain plans which connect to a tight tank. The Plumbing Inspector has approved the design. The Board gave me permission to

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approve this application upon satisfaction with the floor drain plans. I approved the application on 5-29.

Recommendation: I recommend retroactive endorsement of this application, *dated 2-7-12*, until we receive the needed septic information.

(3) Main St., Dunkin' Donuts,

Dunkin donuts submitted a BP application for interior work only, with no structural changes or increase in sewer design flow. Due to the minor work to be done & the owner's time constraint, I approved the application.

Recommendation: Retroactive approval of the application.

(4) <u>85 Choate St., Fonzo, Map 16, Lot 9C *</u>

We received a building permit application for this property. There is no description of work on the application, but from the attached information, it looks like it is for the construction of a proposed 160' X 72' indoor training arena. There are complications with this proposal. As far as I can figure out, the property was subdivided last Fall & sold this past March as two parcels to Pony Up Farm LLC. The original/non-subdivided lot consisted of a house on a private well & septic system and a barn with a full bathroom that was approved for the convenience of the homeowner. A sewer line ran from the barn through the house into the existing septic system that served the house.

The subdivision of the property separates the barn from the house, so that the barn sewer line now crosses the property line & flows into a system that is on a separate property (prohibited by Title 5). The well that served the whole lot, now serves both lots & is located on the created lot upon which the house is not located. The existence of the septic system now serving 2 separate properties, certainly indicates an existing or potential increase in flow to the existing system (setting aside the location issues), so that a new system is required. The proposed building will also add design flow to the system. Submitted paperwork with the application references and highlights "the raising of livestock, including horses, the keeping of horses as a commercial enterprise".

Recommendation: I recommend disapproval of this application, dated 5-29-12.

(5) <u>22 Rocky Hill Rd.</u>, Williams, Map 5, Lot 11A*

I reviewed this application for an "Art studio building for the purpose of creating medal sculpture. Forging, welding fabrication of medal artwork." Mr. Williams applied for this and was approved around 2009. At the time (10-30-08), he had a title 5 inspection performed, which passed. Mr. Williams also had a new septic tank installed around that time and had connections for the future proposed

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workshop installed. Mr. Williams did not proceed with the project at the time, but now wants to build it. Unfortunately, the 3 year time limit for the Title 5 has passed. His existing septic system has a 5 bedroom design flow & he has a 4 bedroom house, so there is sufficient capacity even if he has an employee & Mr. Williams stated that there is no waste or waste water produced from his welding process.

Recommendation: I recommend endorsement of this application, dated 6-6-12.

(6) <u>48 Island Rd., Wyman, Map 23, lot 16 & 17</u> *

We received a building permit application for this property to "remove dormer, adding bathroom, adding a window, new master bedroom w/in existing building". This property has an existing 8 bedroom septic system and a passing January 2012 Title 5 inspection. The proposed renovations (no change in footprint) will not increase the design flow. By the most restrictive review of the floor plan, there may be 6 bedrooms in the house; below the 8 bedroom system capacity.

Recommendation: I recommend endorsement of this application, dated 6-19-12

(7) <u>191 John Wise Ave., Bancroft, Map 22, Lot 3B*</u>

We received a partial application form for construction of a new 3 bedroom house to connect into an existing 5 bedroom house. There is currently a 1 bedroom apartment above a garage connected into the system, so that total design flow will be 4 bedrooms on a 5 bedroom system. The system had a passing Title 5 inspection performed 11-16-11.

Recommendation: I recommend endorsement of this undated application.

F. Well Water Supply Certificates

None

G. Meetings Attended (for information only)

I attended my regular monthly emergency planning meetings.

H. Complaints

(1) <u>38 Lakeshore Dr., Cameron, Map 4, Lot 52</u>

We received a complaint of accumulated trash on this property. We had the same complaint last year, which was corrected after issuance of an enforcement order. I

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inspected the property, but didn't see (or smell) an accumulation of trash. We received a follow up complaint & the complainant came in to state that the materials had been removed.

Recommendation: None. Informational only.

(2) Woodman's Restaurant, Main St,

We received a complaint from a woman who ate a lobster roll at Woodman's and got violently ill immediately after, while still at the restaurant. After Ann made a number of unsuccessful attempts to contact Mario, Bobbie performed an inspection.

I. Hazards Abated Via Enforcement Orders

None

J. Other Issues

(1) <u>43 Wood Dr., McCoy, Map 4, Lot 101</u> *

We received a request for a septic system plan approval extension for this property. Mr. McCoy requested and received an extension last year. Per Title 5, only 1 extension is allowed, however, the 2010 Permit Extension Act gives a 2 year extension to permits originally issued between Aug 15, 2008 & Aug 15, 2010. This plan was originally approved June 5, 2008 – within the specified period. It is my interpretation that this extension is allowed under the Act, however, no additional extensions would be allowed.

Recommendation: Approval of the request to extend the septic plan approval and associated local upgrade approvals until June 6, 2013, with the understanding that this is the final extension.

(2) Beach Testing

I am taking fresh water samples from Chebacco Lake/Centennial Grove weekly & started sampling Camp Menorah this week. Marine beaches (Front & Clammer's) are sampled every 4 weeks. To date, all sample results have been acceptable.

Recommendation: None. Informational only.

(2) Leave Use Notification *

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I had unused vacation time left that cannot easily be carried over to the new fiscal year. I used 4 hours on June 8^{th} and 15^{th} and plan to use my last 4 hours on June 29^{th} . I also plan to take vacation time on July 19, 20 and 23.

Recommendation: Approval of vacation time used and upcoming.

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

(1) TFE, Essex River Day *

The Cape Ann Chamber held their annual Essex River Day on Sat., June 9. I signed the permit, due to the short span between the Event Coordinator application & event.

Recommendation: Retroactive approval of the permit for the Essex River Day.

(3) <u>DownRiver Ice Cream</u> *

Vendor @ Essex River Day – recommend retroactive approval of their TFE permit.

(4) <u>Checacco Market</u> *

Vendor @ Essex River Day – recommend retroactive approval of their TFE permit.

(5) <u>Camp Dory Pre Opening Inspection, Centennial Grove</u> *

Kim & I performed a pre-opening inspection at Camp Dory. All is in good shape. They do a good job & are well organized.

Recommendation: Signature & issuance of their annual Recreational Camp Permit.

(6) Camp Menorah Pre Opening Camp Inspection

Kim & I performed a pre-opening inspection at Camp Menorah and Kim performed a follow up inspection. There are still some outstanding issues, which we were guaranteed will be taken care of by tomorrow. They are scheduled to open on Monday 6-25. We ill hold their permit until all issues are adequately addressed.

Recommendation: None. Informational only.