

NAME OF BOARD/COMM: Surface Water Quality Committee

FILED BY: Bob Goldsmith, Co-chairman

DATE OF MEETING: Friday, September 5, 2014

TIME OF MEETING: 10:00 AM

PLACE OF MEETING: Wayland Town Building

ATTENDING: Toni Moores (by telephone due to distance), Bob Goldsmith, Lin Bradford, and Tom Largy.

MINUTES

1. The meeting came to order at 10:00 AM.
2. Minutes of the previous meeting were approved 4-0.
3. Public Comments. None
4. Discussed possible projects to submit to DEP for funding under the new State Bond Bill opportunity for Water and Sewer Improvements. Items agreed were (a) failed catch basin replacements/new catch basins at Dudley and Mill Ponds, (b) cost share for homeowners to replace Title 5 non-compliant septic systems within 100 yards of Dudley, Heard, and North Ponds, and (c) a conceptual study to estimate cost and feasibility to sewer the area near Dudley Pond.
5. Bob will review these with Mike (who was ill) and present to the BOS in public comment for their meeting on September 8th.
6. Invoices were approved (4-0) for SP Landscaping for \$500 (clean up around Mill Pond) and a purchase by Tom Largy of \$136.77 for a logger's pike for Mill Pond debris removal.
7. Lycott's final invoice for Heard Pond water chestnut harvesting was approved, 4-0
8. Motions were made to commend Tom for his excellent management of Lycott for water chestnut harvesting in Heard Pond and "hands-on" cleanup and management of debris removal from Mill Pond. Voted 3-0-1 (Tom abstained)
9. Adjourned by a vote of 4-0 at about 11 AM.

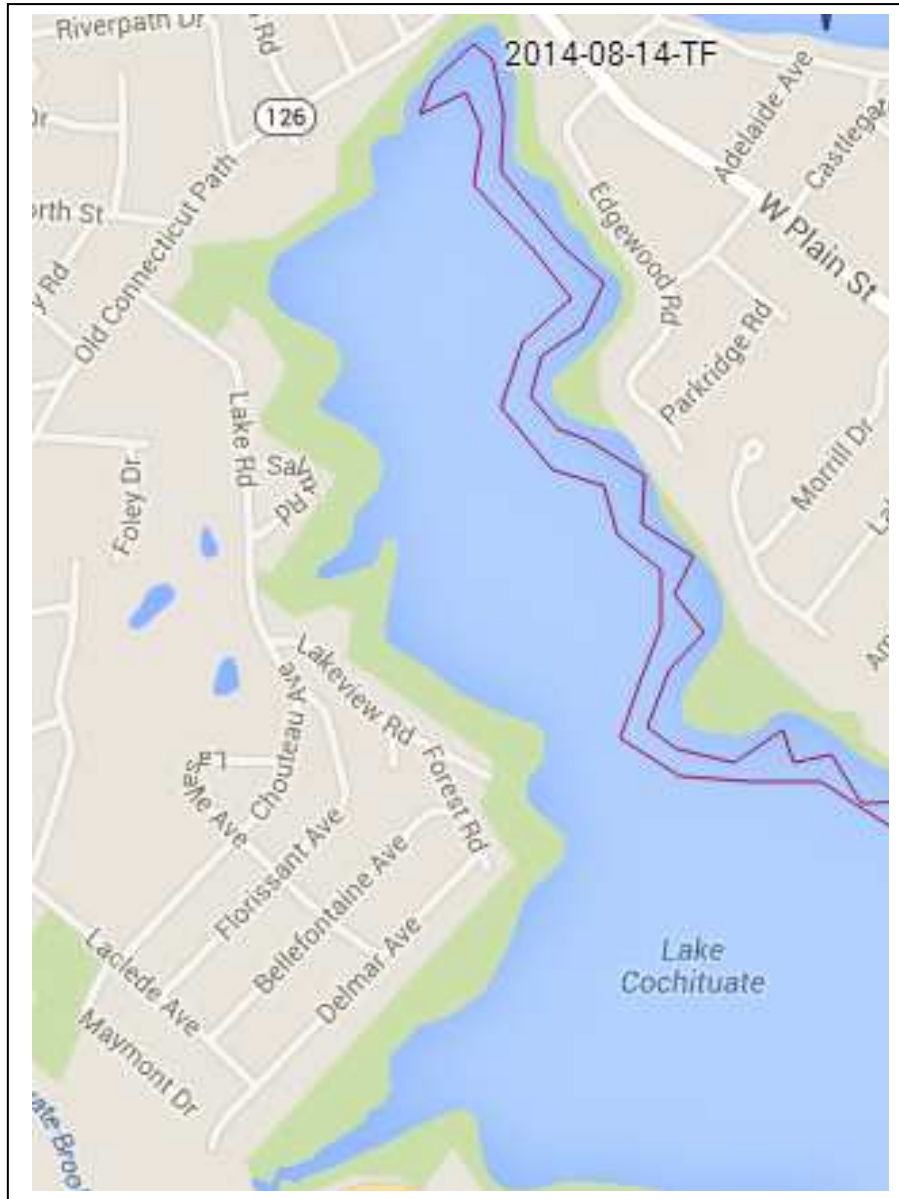
Dudley Pond:

1. DPW has filled in the stormwater-dug trench on the south side of Mansion Beach, and will consider adding a curb/berm
2. No further activity re: Mansion Beach upgrades
3. Lee Junkin believes he has passed his herbicide applicators test - this is his last week, he will be helping Tom.
4. No one can find any milfoil worth pulling. Lots of tapegrass - fouling props more than milfoil due to fibrous stems.

Lake Cochituate

1. Environmental Bond bill has been signed. \$500,000 in it for Lake Cochituate invasives.
Also \$2.5M\$ for Wayland Water and Sewer upgrades. This seems to be a surprise to many, and my speculation is that it may be for bailing out the WWMDC mess - BUT: This money might be available for stormwater improvements regardless of public/private roads.
2. Natick BoH opines on herbicide in Natick - see below
3. Ted Fiust has dived the Wayland side of N. Pond - no milfoil, period: (see attached survey map)

North Pond Area Surveyed for Presence of Milfoil



. Natick BOH: Treating milfoil in Lake Cochituate



Posted Aug. 5, 2014 @ 11:17 pm

The Natick Board of Health has long-term concerns regarding our drinking water and the herbicide treatment of Lake Cochituate. An infestation of invasive Eurasian milfoil and other weeds are disturbing the ecosystem of the lake. The Mass. Department of Conservation and Recreation (DCR), the management agency for the lake, has addressed the problem for more than 10 years. Many methods have been tried, including physically harvesting and applying herbicide in limited volumes and locations. This Board did not oppose prior applications; believing limited use would not pose a risk to the town's drinking water.

Due to high cost and ineffectiveness of previous programs, DCR applied and was approved to increase the amount and locations of herbicide treatment. We do not support large increases for treatment of the lake. There is concern about the long term effects of any persistent chemical, plus reactions to potential future chemicals, including runoff.

Invasive weeds are a problem and the herbicide Diquat Dibromide has been successful in reducing milfoil in ponds and lakes throughout New England. However, none have a drinking water aquifer system similar to Natick.

We have reviewed many of the same reports leading to approving Diquat for treatment; no studies were included that addressed the long term effects.

To date, water tests have not shown infiltration of Diquat into the wells. Until long term assurances are provided, our greatest concern will be the protection of Natick's drinking water. The Board of Health, Selectmen, and ConCom will continue to monitor this issue.

Peter A. Delli Colli, DMD, Chairman

Donald J. Breda, PE, Vice Chairman

Ian L. Wong, MSPH, Clerk

Natick Board of Health

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