

NAME OF BOARD/COMM: Surface Water Quality Committee

FILED BY: Bob Goldsmith, Co-chairman

DATE OF MEETING: Tuesday July 21, 2015

TIME OF MEETING: 7:30 PM

PLACE OF MEETING: Wayland Town Building

ATTENDING: Bob Goldsmith, Tom Largy, Mike Lowery and Toni Moores, Tonya Largy
(for public comment time)

MINUTES

1. The meeting came to order at 7:30 PM
2. Minutes of the May 19, 2015 meeting were approved 4-0
3. In public comment period, Tonya Largy described invertebrates found in the material from the detritus removed from Mill Pond. No historical artifacts were found. Her report is attached.
4. Dudley Pond (Mike reporting)
 - a. E. Coli levels are low, below the threshold requiring reporting. Mike showed a graph of results.
 - b. An initial Happy Hollow well sample showed a Fluoridone level in one well of 1 ppb. This was a spurious result and SEPRO re-analysis showed no detectable levels (< 1 ppb) in the two wells.
 - c. Milfoil hand pulling has produced about 11,000 plants, two years after Triclopyr herbicide spot treatment. This is somewhat better than expected, perhaps due to a late spring.
 - d. Tapegrass, a native species, continues to be a problem. Treatment is confined to removing floating matter.
5. Heard Pond (Tom reporting)
 - a. Inspection and harvesting by Lycott/ACT shows the continuing presence of water chestnuts. This perhaps is due to long viability of seeds (15+ yrs.) or perhaps less than complete removal in prior years. In any case, harvesting can be expected to continue indefinitely. The mass to be removed is low and harvesting can be performed annually at modest cost.
 - b. Tom will try to get continued funding for this work from the Nyanza grant that has funded the last three years efforts.
6. Lake Cochituate. (Mike reporting)
 - a. DCR will be hand pulling in all three ponds this year.
7. Mill Pond (Tom reporting).
 - a. The original plan was to hydrorake in the northern portion of the pond. The presence of muck made this impractical, and the program was changed to remove leaf debris in the lower portion.
 - b. A survey this morning showed the pond to be clear with a rocky bottom in the lower portion. Bass and sunfish were observed to be spawning on the bottom.

- c. DPW needs to clean up the shore area where work was performed.
 - d. Tom agreed to write an article about the cleanup for The Crier.
8. Other
- a. Toni has drafted a septic system maintenance document to be sent to residents. Committee members are to discuss at the next meeting.
 - b. Next meeting date will be August 18th.
9. Invoices approved by 4-0 vote: (a) Lycott/ACT for \$11,115 for Mill Pond Work. The remaining holdback will be paid once a final report is submitted; (b) Allison Leclair (SP?) for \$1,575 for milfoil harvesting at Dudley Pond; (c) Aquatic Vision LLC for \$1,920 for same; (d) Andy Freedman for \$240 for support work at Mill Pond.
10. Adjourned by a roll call vote of 4-0 at about 9:00 PM.

Hello Bob,

Here is the information you requested for the minutes of tonight's meeting.

After the hydroraking project was completed, I examined the sediment removing from the Mill Pond and deposited in the designated area. I was interested in seeing if any 17 century artifacts were taken up from the time of Thomas Cakebread's mill built in 1639. Instead of historical artifacts, I found biological specimens.

Three species of molluscs were collected from the sediment pile. These were freshwater mussels, gastropods (snails), and small fingernail clams. The mussels were empty shells, but some of the snails and fingernail clams were alive when they were taken up with the sediments.

I plan to consult a malacologist (a person who studies molluscs) and obtain identifications of these three species and then write a report after doing a bit more research for the Surface Water Quality Committee, the Wayland Conservation Commission, and possibly for the Town Crier.

If you have any questions, please let me know.

Thanks for letting me share this interesting information with the committee tonight.

Tonya