

NAME OF BOARD/COMM: Surface Water Quality Committee

FILED BY: Bob Goldsmith, Co-chairman

DATE OF MEETING: Tuesday, May 13, 2014

TIME OF MEETING: 7:30 PM

PLACE OF MEETING: Wayland Town Building

ATTENDING: Toni Moores (co-chair) participated by phone due to distance, Bob Goldsmith, Lin Bradford, Mike Lowery, and Tom Largy

MINUTES

1. The meeting came to order at 7:30 PM.
2. Minutes of the previous meeting were approved by roll call vote, 5-0.
3. Public Comments. None
4. Dudley Pond (Mike and Toni reporting).
 - a. Water column sampling took place April 2nd. Analyses by Nashoba Laboratories showed that the pond is in "worse shape" than for 3-4 years. This is based on relatively low Secchi disk readings and phosphorus readings found in all samples. Toni will have a report with results within a few days. A discussion included hypotheses that the high phosphorus might be due to slow plant growth due to the very cold winter and cold spring. The pond temperature is about 60°F. The low Secchi disk reading was discussed as possibly due to pond disturbance during one of the recent storms.
 - b. Mike has the annual ConCom report for 2013 close to finished.
 - c. Survey by Ted found no milfoil; survey by Allison found 11 plants, 10 at the Chateau. Lots of curly leaf was observed. Will be holding off on any hand pulling until the temperature reaches 65°F and more plants are observed. Divers this year include Ted, Allison, and a new diver, Genna Cuitta. Lee Junkin will be returning for part of the summer and has recommended two other possible helpers.
 - d. No herbicide treatment is expected for this year, as spot treatment was applied last year. The history is whole lake treatment in 2008, and spot treatment in 2010 and 2013. It appears that spot treatment every 2-3 years combined with exhaustive hand pulling is working to keep the pond sufficiently weed-free for the desired recreational use. This was the objective the current plan was intended to achieve, although the spot treatment frequency may be more frequent than hoped.
 - e. Mike will distribute the "bullets" for improvements at Mansion Beach. The Recreation Commission has stated a desire to have a hearing with SWQC and the Dudley Pond Association to discuss potential improvements, likely in one of the next two meetings...
 - f. Monitoring the cleaning of catch basins on Simpson Road was mentioned, and Mike will schedule with Stephen Kadlik.
 - g. For 2014, Mike expects no herbicide could be needed. Hand pullers are lined up.
5. Heard Pond. (Tom reporting)
 - a. Tom will check with Brian Monahan about permit validity (from last meeting).

6. North Pond (Lin reporting).
 - a. The barrier net at the entrance to North Pond is not yet in place. There is no indication the weed survey has been performed. Lin will contact Tom Flannery of DCR about status.
 - b. Natick ConCom issued a permit for the proposed DCR program, which includes some herbicide spot treatment with Diquat. No appeal was filed during the appeal period.
 - c. If a permit is issued but appealed, Mike will talk with DCR about the Town's using Diquat in the Wayland side of North Pond.
7. Other
 - a. Mike discussed the development process in ME conducted by Chris Taylor for remote underwater weed monitoring. The initial prototype boat and camera shows promise, but lacks good photo quality. Mike showed a new Garmin underwater camera he has purchased and will try. This remains an interesting prospect for improving our ability to efficiently find underwater weeds.
 - b. A Nashoba Lab invoice for sample analyses of \$1965 was approved by a 5-0 roll call vote
8. The meeting adjourned (roll call vote of 5-0) at about 8:15.