

TOWN OF WAYLAND – MINUTES

NAME OF BOARD/COMM: Surface Water Quality Committee
FILED BY: Lisa Newton, Member
DATE OF MEETING: Tuesday April 17, 2018
TIME OF MEETING: 7:30 PM
PLACE OF MEETING: Town Building, Selectmen's Meeting Room
ATTENDING: Lisa Newton, Toni Moores, Tom Largy

WSWQC MINUTES 17 April 2018

Meeting came to order at 7:50 pm.

1. Approval of minutes – unanimous.
2. Public Comments – none
3. Dudley Pond, No Report.
4. Heard Pond, Tom Largy.

OOC. Toni Moores met with Linda Hansen (Conservation Committee Administrator) 23 April 2018 regarding
OOC for Diquat application in Heard Pond. Notes attached.

5. Lake Cochituate. No report
6. Mill Pond, Tom Largy. More trees have come down into pond.
7. Committee Members Reports and Concerns.

(a) Stormwater management: No report.

(b) Proposed library septic system: New library voted down, so septic for new library no longer a concern.

8. Next meeting date TBD
9. Invoice Approval

\$53.76 to Toni Moores for travel to pick up materials and deliver samples for water quality testing.

10. Adjournment – unanimous approval to adjourn at 8:12 pm

4/13/2018 Meeting Notes

Objective: To understand Heard Pond Herbicide OOC

Representing: Linda Hansen – ConCom Administrator

Toni Moores – SWQC

Background

1. Hansen has a MS in oceanography from U of RI with a specialty in trace metals. Why does this matter?
2. Prior experience with Solitude by Hansen and others in Conservation has lead Hansen to proceed with caution. Credibility is a big issue. Hansen would like to have access to a credible expert for consultation on the impacts of herbicide treatment on Heard Pond resources. Moores will email contact info re Ken Wagner to Hansen.
3. Hansen provided two drafts of the OOC prior to issuing and then changes were requested after the OOC was issued.
4. Apparently Solitude showed a graphic of the Heard Pond milfoil infestation to be treated that covered almost the entire perimeter of the Pond.
5. ConCom's position re Heard Pond is that herbicide treatment is a last resort re weed management and wants to minimize and evaluate the environmental impact on the valuable biodiversity of the Pond; hence the conservative OOC.

Discussion of Issues

1. "Diquat application is approved for one in three years" ,,,, Hansen does not want year after year Diquat treatment. If Diquat is used Hansen wants an evaluation of the results to minimize collateral environmental damage. Based on the efficacy of Diquat treatment, subsequent milfoil management can be proposed.
2. "herbicide shall be applied at less than the recommended rate of 1 gallon per lake acre." Application rate of 1.5 gal per acre will be considered by ConCom if conditions presented in the vegetation inventory report and existing water quality parameters (DO, pH, temperature), in the judgments of the ConCom, support an increase in the application rate.
3. "Only one third to one half of the area shall be treated,,," This clause was inserted because of the Solitude graphic in the NOI that showed the milfoil infestation over a large area of the Pond. This clause may not be important if the spot treatment, proposed in the vegetation inventory report, involves a relatively small area of the total Pond area. Extreme dissolved oxygen depletion due to die-off and decomposition of the weeds is the concern. Depth of treatment proposed is important information.
4. "Pre-management vegetation inventory to occur in early spring,,," A pre-management vegetation inventory report including measurements of pH, DO and temp can be done by Solitude or a member of the SWQC, is to be submitted to ConCom two weeks prior to herbicide application, must be completed each year of the three year Aquatic Management Program and does not have to be done in the early spring.